

TECHNICAL MANUAL

RETURN TO GOV. DOLS. CLERK

**ORGANIZATIONAL, DIRECT AND GENERAL
SUPPORT, AND DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LIST**

**AIR CONDITIONER, COMPACT VERTICAL: 208 V,
3 PHASE, 18,000 BTUH COOLING; 12,000 BTUH
HEATING (TRANE MODEL MAC4V20-4950-03)
-400 CYCLE, NSN 4120-00-926-9567
(TRANE MODEL MAC6V20-4950-05)
-50/60 CYCLE, NSN 4120-00-926-9568**

This manual supersedes TM 5-4120-285-25P, 26 September 1969, including all changes.

This copy is a reprint which includes current
pages from Changes 1 and 2.

HEADQUARTERS, DEPARTMENT OF THE ARMY

18 NOVEMBER 1980

CHANGE

No. 2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 29 January 1981

Organizational, Direct and General Support and
Depot Maintenance Repair Parts and Special Tools List

AIR CONDITIONER, COMPACT VERTICAL: 208 V, 3 PHASE,
18,000 BTUH COOLING; 12,000 BTUH HEATING
(TRANE MODEL MAC4V20-4950-03) 400 CYCLE, NSN 4120-00-926-9567
(TRANE MODEL MAC6V20-4950-05) 50/60 CYCLE, NSN 4120-00-926-9568

TM 5-4120-285-24P, 18 November 1980, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

i
7 through 10
17 through 20
25 and 26
33 through 36

Insert pages

i/ii
7 through 10
17 through 20
25 and 26
33 through 36

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, Unit, Direct Support and General Support Maintenance requirements for Air Conditioner, Vertical Compact, 12,000 BTU Cool/12,000 BTU Heat, 208V, 3PH (MAC 4V20-4950-03: 400HZ; MAC 6V20-4950-05: 50/60HZ).

CHANGE }
NO. 1 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 29 January 1981

Organizational, Direct and General
Support, and Depot Maintenance Repair
Parts and Special Tools List

AIR CONDITIONER, COMPACT VERTICAL: 208V,
3 PHASE, 18,000 BTUH COOLING; 12,000 BTUH
HEATING (TRANE MODEL MAC4V20-4950-03)
-400 CYCLE, NSN 4120-00-926-9567
(TRANE MODEL MAC6V20-4950-05)
-50/60 CYCLE, NSN 4120-00-926-9568

TM 5-4120-285-24P, 18 November 1980, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

Insert pages

15 and 16

15 and 16

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

Official:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, Organizational, Direct and General Support Maintenance requirements for Air Conditioner, Vertical Compact, 18,000 BTU Cool/12,000 BTU Heat, 208V, 3PH (MAC 4V20-4950-03: 400HZ; MAC 6V20-4950-05: 50/60HZ)

**ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT, AND DEPOT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST**

**AIR CONDITIONER, COMPACT VERTICAL: 208 V, 3 PHASE,
18,000 BTUH COOLING; 12,000 BTUH HEATING (TRANE MODEL
MAC4V20-4950-03)-400 CYCLE, NSN 4120-00-926-9567 (TRANE MODEL
MAC6V20-4950-05)-50/60 CYCLE, NSN 4120-00-926-9568**

Current as of 12 May 1987

REPORTING OF ERRORS

You can help to improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

Table of Contents

	Page	III Fig
Section I. Introduction	1	
Section II. Repair Parts List		
Group 01. Accessory Items	6	
02 Base Assembly, Casing, Grills, and Hardware	8	
03 Electric Motor, Motor Support and Fans	12	
Fan Motor and Related Parts	14	
04 Control Panels, Control Box and Components	16	
Junction Box and Related Parts	18	
Control Box Wiring Harness	22	
05 Compressor Assembly	24	
06 Condenser, Refrigerant Units Heaters, Sight Indicators, Switch, Valves and Tubing	26	
Condenser, Evaporator, Dehydrator, and Valves	30	
Section III. Special Tools (Not Applicable)		
Section IV. National Stock Number and Part Number Index	33	

Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support depot maintenance of the Air Conditioner. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General. This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

c. Section IV. National Stock Number and Part Number Index. A list, in National Item Identification Number (NIIN) sequence, of all National Stock Numbers (NSN) appearing in the listings, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance. This index is followed by a cross-reference list of reference designators to figure and item numbers.

3. Explanation of Columns.

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration on which the item is shown.

(2) Item Number. The number used to identify item called out in the illustration.

b. Source, Maintenance and Recoverability (SMR) Codes.

(1) Source Code. Source codes indicate manner of acquiring support items maintenance, repair or overhaul of end item. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue, outfitting and stocked only for subsequent or additional initial issues or fittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting, specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance, shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.

MO	Item to be manufactured or fabricated at the organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot support maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at the direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and XD.

(2) **Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
D	Support items that are removed, replaced, used at depot, mobile depot, or specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated, Specialized Repair Activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) **Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability

Code	Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically reparable, condemn and dispose at organizational level.
F	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
H	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National stock number assigned to the item and which will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set, with the quantity of each item in the kit or set indicated in

the quantity incorporated in unit column. If the part to be used differs between serial number of the same model, the effective serial number is shown as the last line of the description. In the Special Tools List, the initial basis of issue appears as the last line in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments reported exceeds density spread indicated in basis of issue, the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in., pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown in the illustration figure, which is prepared for functional group, subfunctional group, or assembly. A "V" appearing in this column indicates that no specific quantity is applicable (e.g., shims, spacers, etc.).

4. Special Information.

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models.

Code	Model
AEU	MAC6V20-4950-05
AEV	MAC6V20-4950-03

b. Repair parts kits and gasket sets appear as the last entries in the repair parts listing for the figure in which its parts are listed as repair parts.

c. The following publication pertains to Air conditioner and its components:

Publication and Short Title

TM 5-4120-285-14, Maintenance Manual

5. How to Locate Repair Parts.

a. When National Stock Number or Number is Unknown:

(1) First. Using the table of contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) Second. Find the illustration covering the functional group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure number and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

When National Stock Number or Part Number is Known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is a NIIN sequence followed by a list of part numbers in alphanumeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations.

<i>Abbreviations</i>	<i>Explanation</i>
ASSY	Assembly(ies)
FT	Feet (foot)
HD	Head
HEX	Hexagon
IN	Inch(es)
LG	Long (length)
NO	Number(s)

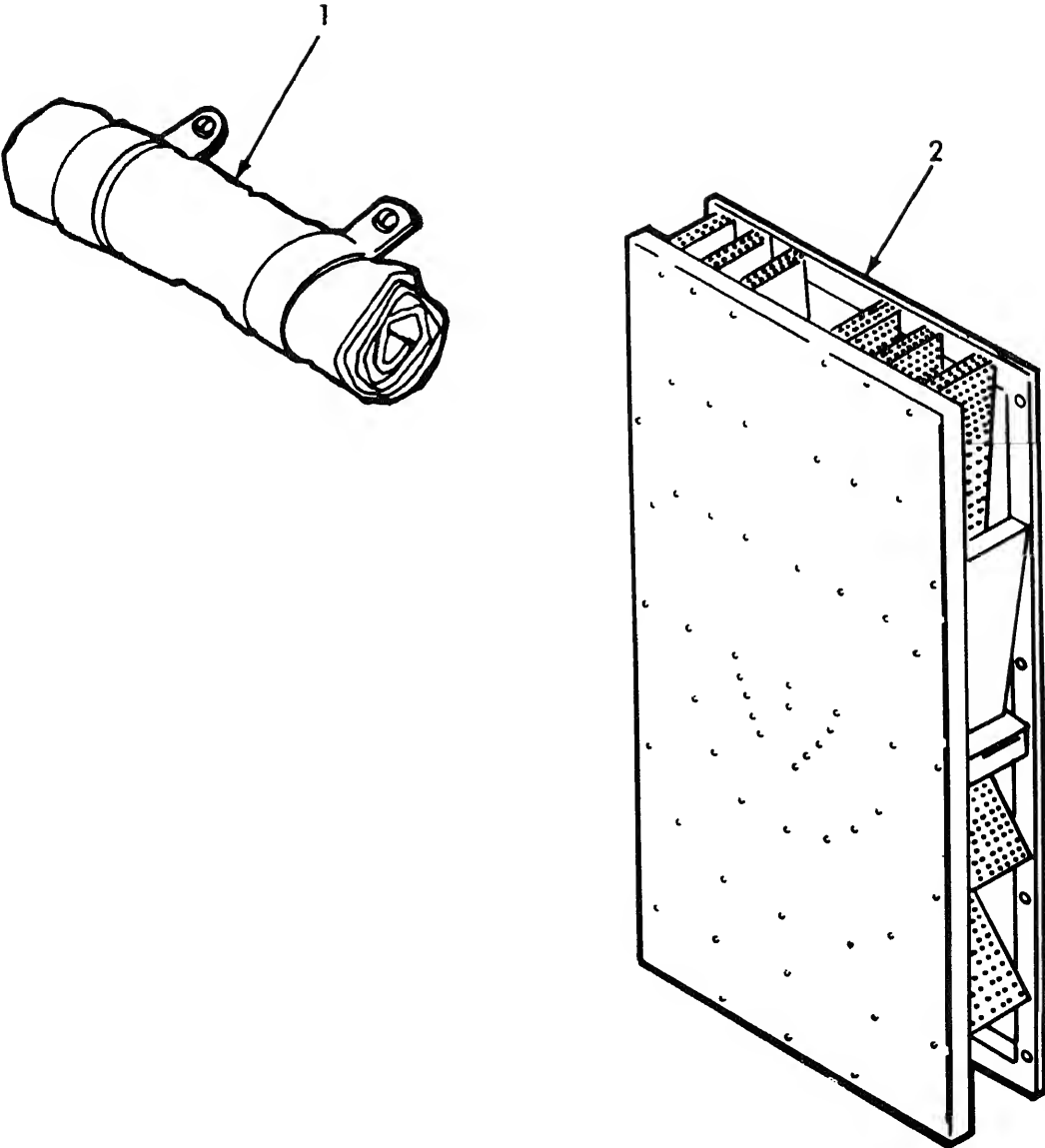


Figure 1. Accessory Items

(1)		(2)	(3)	(4)	(5)	(6)	(7)
ILLUSTRATION		SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M
(a) FIG NO.	(b) ITEM NO.						
						GROUP 01 - ACCESSORY ITEMS	
1	1	XBOZZ		COV312	60532	PAULIN UNIT COVER	EA
1	2	XBOZZ		13211E3798	97403	SOUND, ATTENUATOR	EA



SECTION II

TM 5-4120-285-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)
(a) FIG NO.	(b) ITEM NO.	SMR COOE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION
UNABLE ON CODE						
GROUP 02 - BASE ASSEMBLY, CASING, GRILLS, AND HARDWARE						
2	1	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE GRILLES, TOP PANEL, FRESH AIR SCREEN, COVER AND GRILLE ASSY MTG, NO. 18-32 THD SIZE, 5/8 IN. LG
2	2	PAOZZ	5310-00-045-3299	MS35338-23	96906	WASHER, LOCK GRILLES, TOP PANEL, FRESH AIR SCREEN, COVER, GRILLE ASSY MTG, NO. 8 SCREW SIZE
2	3	XBOZZ		WAS163	60532	WASHER, FLAT GRILLES, TOP PANEL, FRESH AIR SCREEN, COVER AND GRILLE ASSY MTG, NO. 8 SCREW SIZE
2	4	XBOZZ		GRL28	60532	GRILLE DISCHARGE
2	5	MOOZZ		GKT494	60532	GASKET DISCHARGE GRILLE, SIDES MANUFACTURE FROM P/N MILP26514ATYPE1 APPROX. 3/4 IN. X 14 7/8 IN. REQUIRED FOR EACH GASKET
2	6	MOOZZ		GKT491	60532	GASKET DISCHARGE GRILLE, TOP AND BOTTOM MANUFACTURE FROM P/N MILP26514ATYPE1 APPROX. 3/4 IN. X 15 IN. REQUIRED FOR EACH GASKET
2	7	XBOZZ		PNL1533	60532	PANEL, TOP
2	8	MOOZZ		D4524-6437-1	60532	INSULATION MANUFACTURE FROM P/N MILI14511 APPROX. 11 5/8 IN. X 16 5/8 IN. REQUIRED
2	9	XBHZZ		84524-6272-3	60532	PANEL, BACK
2	10	XBOZZ		C4524-6183-1	60532	SCREEN, FRESH AIR
2	11	MOOZZ		GKT371	60532	GASKET COVER MANUFACTURE FROM P/N MILI14511 APPROX. 3 IN. X 13 IN. REQUIRED
2	12	XBOZZ		C0V237	60532	COVER
2	13	PAFZZ	5310-00-188-7969	MS27130-14K	96906	NUT, PLAIN, BLIND FAN GRILLE AND MOTOR SUPPORT MTG
2	14	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW, MACHINE FAN GRILLE AND EVAPORATOR INTAKE GRILLE MTG, NO. 8-32 THD SIZE, 3/4 IN. LG
2	15	XBOZZ	4130-00-834-5344	GRL33	60532	GUARD, MECHANICAL FAN
2	16	XBOZZ	5935-00-137-4670	MS25043-22D	96906	COVER, ELECTRICAL MAIN POWER RECEPTACLE
2	17	XBOZZ		GRL46	60532	GRILLE ASSEMBLY
2	18	XBHZZ		CA577	60532	CASE ASSEMBLY
2	19	PAOZZ	5305-00-053-1114	MS24621-11	96906	SCREW, TAPPING CONNECTOR HOLE COVERS MTG
2	20	XBOZZ		C0V236	60532	COVER CONNECTING HOLE
2	21	XBOZZ	4130-00-983-2335	C6974-22-41	78553	RETAINING RING CONNECTOR HOLE COVER MTG
2	22	XBHZZ		ANL14	60532	ANGLE DAMPER CHAIN GUIDE
2	23	PBOZZ	5360-00-936-9551	MS24586-46	96906	SPRING, HELICAL
2	23A	PBHZZA	4130-00-835-4329	I3211E8162	94833	BLADE DAMPER A
2	24	PAOZZ	4130-00-106-5657	CHN2	60532	CHAIN, ASSEMBLY
2	25	XBFZZ		SUP130	60532	SUPPORT, FILTER
2	26	XBFZZ	5325-00-067-9222	I2R1-1AA	71286	RECEPTACLE
2	27	PAFZZ	5320-00-117-6010	MS20426AD2-3	96906	RIVET, SOLID SUPPORT MTG
2	28	MFFZZ		D4524-6439-1	60532	GASKET LOWER FRONT PANEL, TOP MANUFACTURE FROM P/N MILP26514ATYPE1 APPROX. 3/4 IN. X 15 IN. REQUIRED
2	29	MFFZZ		D4524-6438-1	60532	GASKET LOWER FRONT PANEL, RH AND LH MANUFACTURE FROM P/N MILP26514ATYPE1 APPROX. 3/8 IN. X 13 3/8 IN. REQUIRED FOR EACH
2	30	MOOZZ		GKT409	60532	GASKET FRONT PANEL MANUFACTURE FROM NSN 5330-00-406-7742 APPROX. 5/16 IN. X 6 1/4 IN. REQUIRED FOR EACH
2	31	MOOZZ		GKT410	60532	GASKET FRONT PANEL MANUFACTURE FROM NSN 5330-00-406-7742 APPROX. 5/16 IN. X 2 1/2 IN. REQUIRED FOR EACH
2	32	XBOZZ		PNL1117	60532	PANEL
2	33	PAOZZ	5305-00-984-7441	12-11-613-12	94222	SCREW, PANEL MTG
2	34	PAOZZ	5310-00-880-9344	12-11014-12	94222	WASHER, RETAINING PANEL MTG

QTY INC IN UNIT	(7) U/M	(6) DESCRIPTION L'SABLE ON CODE	(5) FSCM	(4) PART NUMBER	(3) FEDERAL STOCK NUMBER	(2) SMR CODE	(1) QTY INC IN UNIT
5	EA	GRILLE, INTAKE	60532	GRL10		XBOZZ	1
6	EA	GASKET RH MANUFACTURE FROM P/N MILP26514ATYPE1 APPROX. 3/4 IN. X 14 7/8 IN. REQUIRED	60532	GKT493		MOOZZ	1
7	EA	GASKET INTAKE GRILLE ASSY, TOP AND BOTTOM MANUFACTURE FROM P/N MILP26514ATYPE1 APPROX. 3/4 IN. X 15 IN. REQUIRED FOR EACH	60532	GKT491		MOOZZ	2
8	EA	STUD ASSEMBLY RETAINER MTG	71286	12S1-9-1AA	5325-00-724-7655	PAOZZ	2
9	EA	RETAINER, FILTER	60532	RTR11		XBOZZ	1
0	EA	WASHER, SPLIT	71286	5S3-1	5310-00-530-9963	PAOZZ	2
1	EA	FILTER BLOWER	60532	FLR70	4130-00-981-6615	PAOZZ	1
2	EA	BUTTON, PLUG	60532	PLU83	5340-00-854-1975	PAOZZ	1
3	EA	PENDANT WITH SLEEVE BEAD CHAIN	60532	CHN3	4130-00-922-2439	XBOZZ	1
4	EA	SCREW, MACHINE TEMPERATURE CONTROL TUBE CLAMP MTG, NO. 10-32 THD SIZE, 5/8 IN. LG	96906	MS35207-264	5305-00-989-7435	PAOZZ	1
5	EA	WASHER, LOCK TEMPERATURE CONTROL TUBE MTG, NO. 10 SCREW SIZE	96906	MS35340-43	5310-00-721-7809	PAOZZ	1
6	EA	WASHER, FLAT TEMPERATURE CONTROL TUBE MTG, NO. 10 SCREW SIZE	96906	MS27183-8	5310-00-809-8546	PAOZZ	1
7	EA	CLAMP, LOOP TEMPERATURE CONTROL TUBE MTG	96906	MS219190G6	5340-00-543-4394	PAOZZ	1
8	EA	GROMMET, NONMETALLIC TEMPERATURE CONTROL TUBE	60532	GRM15	5325-00-178-1331	PBOZZ	1
9	EA	BUSHING, AIR CON	60532	BUS39		XBOZZ	1
0	EA	SCREW, CAP, HEXAGON HEAD CASING TO BASE MTG, 1/4-28 THD SIZE, 3/4 IN. LG	96906	MS90726-6	5305-00-068-0506	PAHZZ	8
1	EA	WASHER, LOCK CASING TO BASE MTG, 1/4 IN. SCREW SIZE	96906	MS35340-44	5310-00-682-5930	PAHZZ	8
2	EA	WASHER, FLAT CASING TO BASE MTG, 1/4 IN. SCREW SIZE	96906	MS27183-10	5310-00-809-4058	PAHZZ	8
3	EA	SEPARATOR, VIDEO	78533	C7968-7614-541	4130-00-983-2337	XBNZZ	4
4	EA	BASE	60532	B4524-6217-2		XBNZZ	1
5	EA	PLUG, PIPE CONDENSATE DRAIN	96906	MS49005-7	4730-00-959-2329	PBOZZ	4

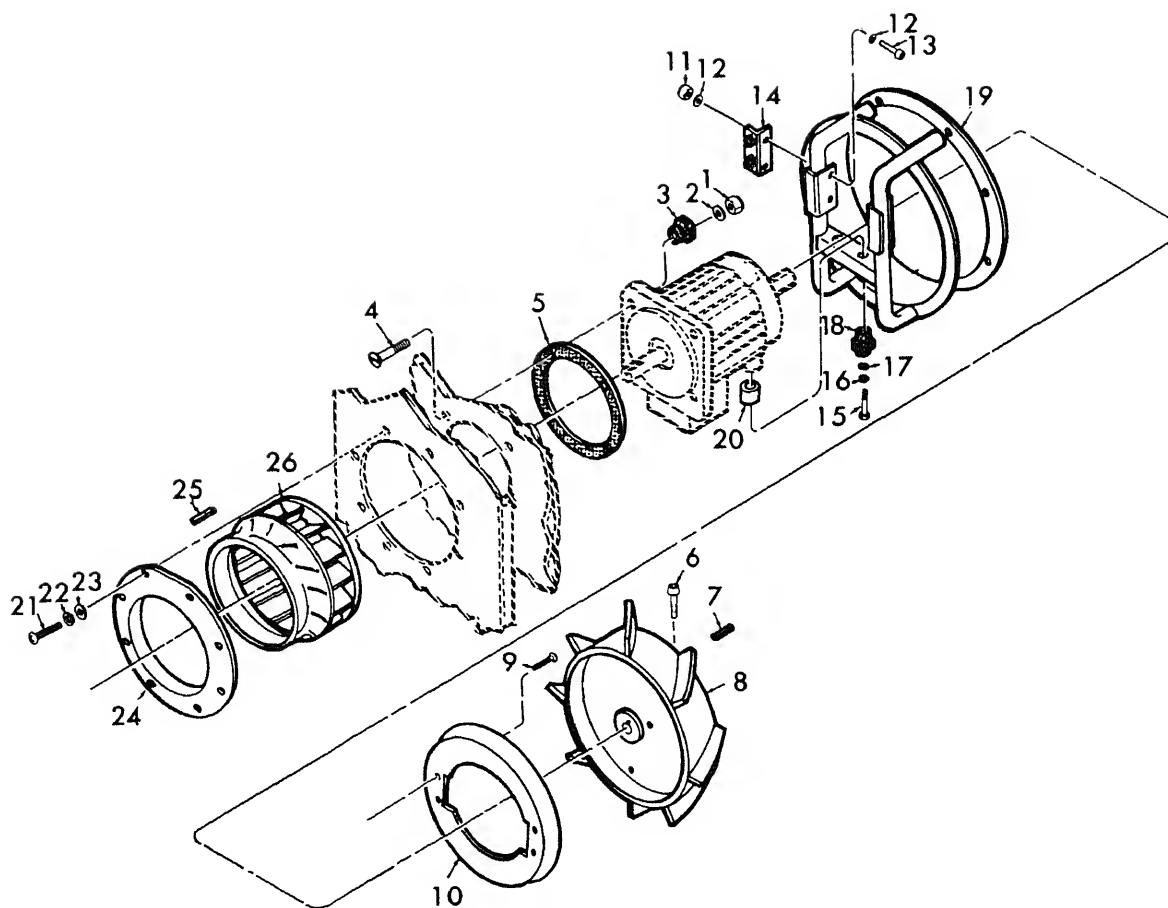


Figure 3. Electric Motor, Motor Support & Fans

SECTION II

TM 5-4120-285-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION
USABLE ON CODE						
GROUP 03 - ELECTRIC MOTOR, MOTOR SUPPORT AND FANS						
3	1	PAOZZ	5310-00-877-5796	MS21044N4	96906	NUT, SELF-LOCKING MOTOR MTG, 1/4-28 THD SIZE
3	2	PAOZZ	5310-00-285-1554	D4524-1969	60532	WASHER, FLAT MOTOR MTG, 1/4 IN. SCREW SIZE
3	3	PAOZZ	5365-00-178-1364	BUS54	60532	SPACER, SLEEVE MOTOR MTG
3	4	PAOZZ	5305-00-957-2640	MS35191-294	96906	SCREW, MACHINE MOTOR MTG, 1/4-28 THD SIZE, 1 1/4 IN. LG
3	5	PAOZZ	4130-00-933-0945	GKT485	60532	ISOLATOR, FAN MOTOR MOTOR TO CASING MTG
3	6	PAOZZ	5305-00-975-1975	SCR325	60532	SETSCREW CONDENSER FAN MTG
3	7	XBOZZ	5315-00-730-4564	KEY29	60532	KEY, MACHINE CONDENSER FAN MTG
3	8	PAOZZ	4140-00-929-5561	13211E8348	97403	IMPELLAR, FAN
3	9	PAOZZ	5305-00-978-9369	MS16997-31	96906	SCREW, CAP, SOCKET BAFFLE TO ANGLE MTG, NO. 8-32 THD SIZE, 3/8 IN. LG
3	10	PBOZZ	4130-00-133-5744	C4524-4955-1	60532	BAFFLE, AIR
3	11	PAOZZ	5310-00-807-1473	MS21042L08	96906	NUT, SELF-LOCKING BAFFLE TO ANGLE, NO. 8-32 THD SIZE
3	12	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT ANGLE TO MOTOR SUPPORT AND BAFFLE TO ANGLE MTG, NO. 8 SCREW SIZE
3	13	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE ANGLE TO MOTOR SUPPORT MTG, NO. 8-32 THD SIZE, 5/8 IN. LG
3	14	XBOZZ		C4524-4956-1	60532	ANGLE ASSEMBLY BAFFLE MTG
3	15	PAOZZ	5306-00-845-9958	BLT72	60532	BOLT, SHOULDER MOTOR MTG 5/16-18 THD SIZE, 1 3/4 IN. LG
3	16	PAOZZ	5310-00-959-4675	MS35339-46	96906	WASHER, LOCK MOTOR MTG, 5/16 IN. SCREW SIZE
3	17	PAOZZ	5310-00-837-3283	WAS170	60532	WASHER, FLAT MOTOR MTG, 5/16 IN. SCREW SIZE
3	18	PAOZZ	5325-00-849-3170	BUS53	60532	GROMMET, RUBBER MOTOR MTG
3	19	XDFZZ	4130-00-133-5745	B4524-4953-1	60532	SUPPORT ASSEMBLY MOTOR
3	20	XBOZZ	5365-00-410-9516	SPC18	60532	SPACER, SLEEVE MOTOR MTG
3	21	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE INLET RING MTG, NO. 8-32 THD SIZE, 5/8 IN. LG
3	22	PAOZZ	5310-00-682-5930	MS35340-44	96906	WASHER, LOCK INLET RING MTG, NO. 8 SCREW SIZE
3	23	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT INLET RING MTG, NO. 8 SCREW SIZE
3	24	PBOZZ	4130-00-135-6432	RNG177	60532	RING, FAN INLET BLOWER
3	25	XBOZZ		KEY30	60532	KEY, MACHINE EVAPORATOR FAN MTG
3	26	PAOZZ	4130-00-135-2373	FAN391	60532	IMPELLER, FAN

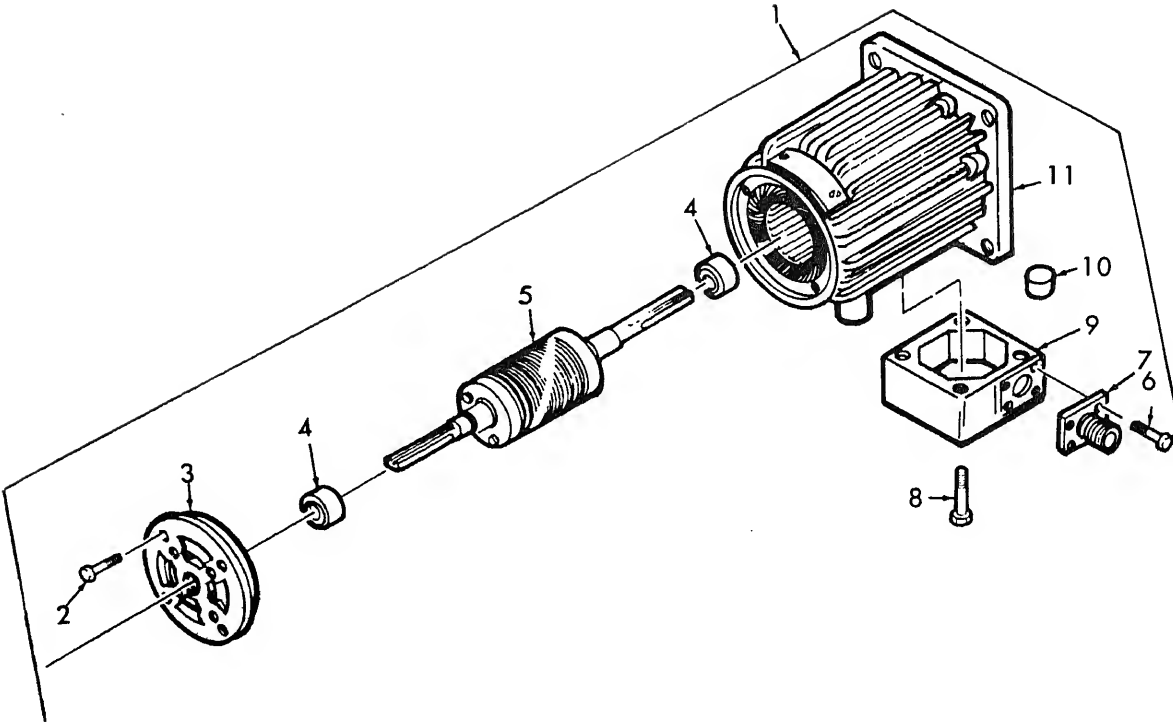


Figure 4. Fan Motor And Related Parts

(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M
						USABLE ON CODE	
4	1	XBOZZ	6105-00-949-8627	M4725-8	64731	MOTOR,AC FAN (COMPONENTS SAME AS MOTOR, P/N M4720-7A, EXCEPT WHERE INDIVIDUAL ITEMS ARE ANNOTATED) AEU	EA
4	1	PAOZZ	6105-00-949-8629	M4720-7A	64731	MOTOR,ALTERNATE	EA
4	2	PAFZZ	5305-00-984-6193	MS35206-245	96906	.SCREW,MACHINE END BELL MTG,NO.8-32 THD SIZE,1/2 IN.LG	EA
4	3	XAFZZ		02-009350-000	64731	.END BELL	EA
4	4	PAFZZ	3110-00-124-9076	02-0109990Z	64731	.BEARING,BALL	EA
4	5	XAFZZ		02-009512-002	64731	.ROTOR AND SHAFT (USED WITH P/N M4725-8) AEU	EA
4	6	PAOZZ	5305-00-889-2999	MS35206-217	96906	.SCREW,MACHINE CONNECTOR PLUG MTG,NO.4-40 THD SIZE,3/8 IN.LG	EA
4	7	XBOZZ	5935-00-801-6616	MS3102R14S7P	96906	.CONNECTOR,RECEP	EA
4	8	XBOZZ	5305-00-616-8124	MS35265-38	96906	.SCREW,MACHINE CONNECTOR BOX MTG,NO.6-32 THD SIZE,2 IN.LG	EA
4	9	XBOZZ		02-009089-000	64731	.BOX,CONNECT,ELEMENT	EA
4	10	PAFZZ		MVA1263	82647	.PROTECTOR,THERMAL	EA
4	11	XAFZZ		02-009512-001	64731	.STATOR,MOTOR (USED WITH P/N M4725-8) AEU	EA

Change 1

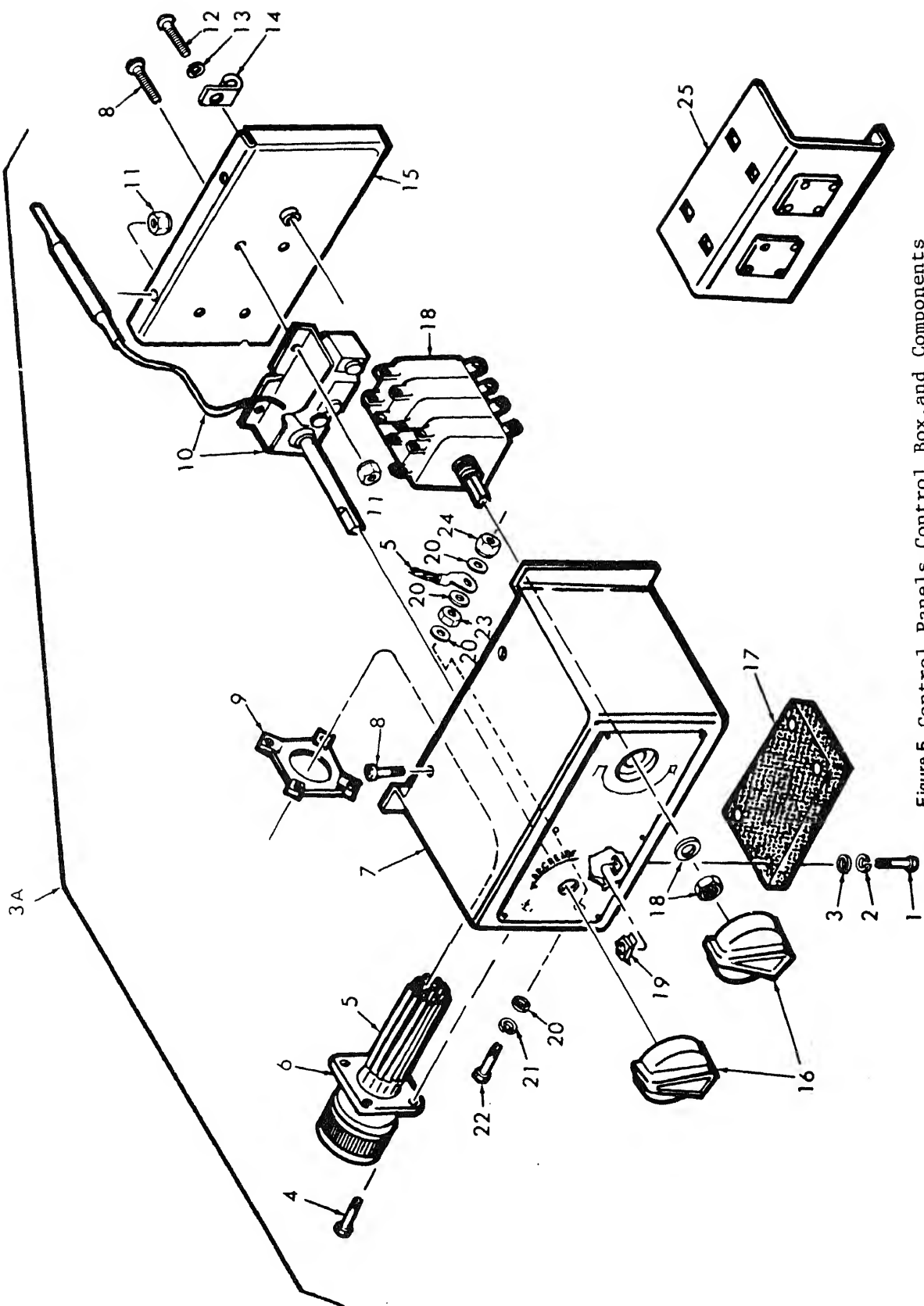


Figure 5. Control Panels, Control Box, and Components

SECTION II

TM 5-4120-285-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	
GROUP 04 - CONTROL PANELS, CONTROL BOX AND COMPONENTS						
5	1	PAOZZ	5305-00-068-0502	MS90725-6	96906	SCREW,CAP,HEXAGON CONTROL PANEL MTG,1/4-20 THD SIZE,3/4 IN.LG
5	2	PAOZZ	5310-00-682-5930	MS35340-44	96906	WASHER,LOCK CONTROL BOX MTG,1/4 IN.SCREW SIZE
5	3	PAOZZ	5310-00-869-4058	MS27183-10	96906	WASHER,FLAT CONTROL BOX MTG,1/4 IN.SCREW SIZE
5	3A	PAOZZA	4120-01-062-0698	13218EB492	97403	PANEL ASSEMBLY, CONTROL
5	4	PAOZZ	5305-00-053-1114	MS24621-11	96906	.SCREW,MACHINE CONNECTOR MTG,NO.4-40 THD SIZE,1/2 IN.LG
5	5	PBOZZ	4130-00-133-5743	WIR146	60532	.WIRING HARNESS
5	6	XAOZZ		MS3106R22-14P	96906	.CONNECTOR ELECTRICAL
5	7	XBOZZ		CAS71	60532	.PANEL,CONTROL
5	8	PAOZZ	5305-00-984-6193	MS35206-245	96906	.SCREW,MACHINE MTG PLATE AND THERMO SWITCH MTG,NO.8-32 THD SIZE,1/2 IN.LG
5	9	XBOZZ		A6974-14-41	78553	.NUT ASSEMBLY,RECEPTACLE RECEPTACLE
5	10	PAOZZ	5930-00-923-4176	13211E8301-1	97403	.SWITCH,THERMOSTAT TEMPERATURE CONTROL
5	11	PAOZZ	5310-00-889-2549	MS21045-08	96906	.NUT,SELF-LOCKING MTG PLATE AND THERMO SWITCH,NO.8-32 THD SIZE
5	12	PAOZZ	5305-00-964-7814	MS35207-291	96906	.SCREW,MACHINE THERMO TUBE CLAMP MTG,NO.10-32 THD SIZE IN.LG
5	13	PAOZZ	5310-00-045-3296	B20500-1	06840	.WASHER,LOCK THERMO TUBE CLAMP MTG,NO.10 SCREW SIZE
5	14	XBOZZ	5340-00-663-1979	MS21919H6	96906	.CLAMP,LOOP THERMO TUBE
5	15	XBOZZ		PLT242	60532	.PLATE,MOUNTING
5	16	XBOZZ	5355-00-926-5289	RB175	86797	.KNOB ROTOR SWITCH AND TEMPERATURE
5	17	MOOZZ		GKT374	60532	.GASKET CONTROL PANEL MTG MANUFACTURE FROM P/N MILR1149TYPE1CLA, APPROX. 2 1/2 IN. X 4 IN. REQUIRED
5	18	PAOZZA	5930-00-236-2351	2267A1	70611	.SWITCH,ROTARY
5	19	PAOZZ	5340-00-586-7652	C7988-1420	78553	.RETAINER,NUT AND PANEL MTG 1/4-20 THD SIZE
5	20	PAOZZ	5310-00-809-8546	MS27183-8	96906	.WASHER,FLAT GROUND LEAD,NO.8 SCREW SIZE
5	21	PAOZZ	5310-00-721-7809	MS35340-43	96906	.WASHER,LOCK GROUND LEAD,NO.8 SCREW SIZE
5	22	PAOZZ	5305-00-993-1851	MS35207-267	96906	.SCREW,MACHINE GROUND LEAD,NO.8-32 THD SIZE,1/2 IN.LG
5	23	PAOZZ	5310-00-934-9751	MS35650-302	96906	.NUT,PLAIN,HEXAGON GROUND LEAD,NO.8-32 THD SIZE
5	24	PAOZZ	5310-00-877-5797	MS21044N3	96906	.NUT,SELF-LOCKING GROUND LEAD,NO.8-32 THD SIZE
5	25	XBOZZ	4130-00-832-9335	13211E8392AND13211E8393	97403	PLATE

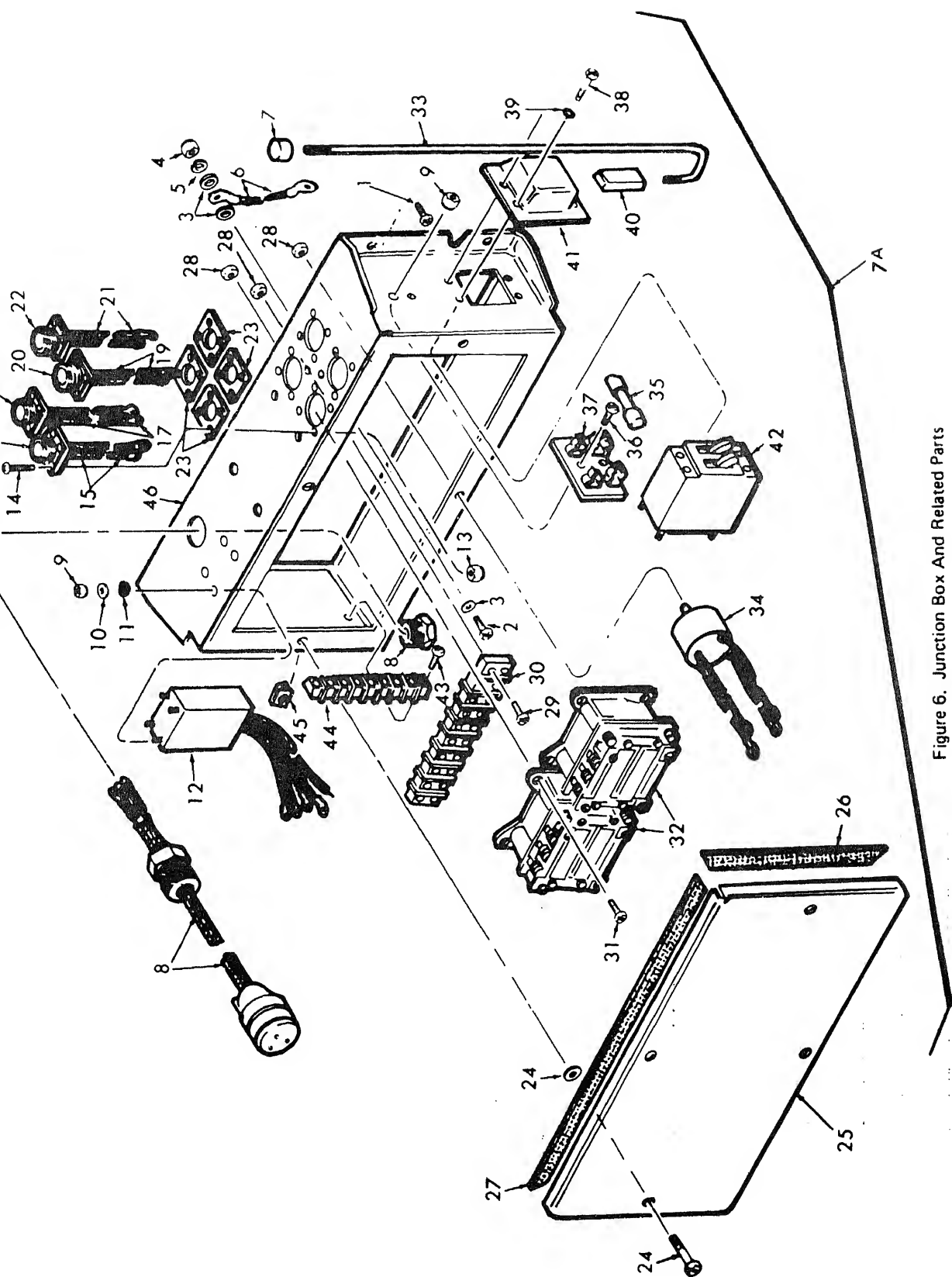


Figure 6. Junction Box And Related Parts

(a) FIG NO.	(b) ITEM NO.	(c) SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNABLE ON CODE
6	1	PAOZZ	5305-00-959-5237	SCR282	60532	SCREW,PANEL FAS JUNCTION BOX MTG,1/4-20 THD SIZE,3/4 IN.LG	
6	2	PAOZZ	5305-00-267-8974	MS90726-8	96900	SCREW,CAP,HEXAGON JUNCTION BOX GROUND LEAD,1/4-28 THD SIZE,1 IN.LG	
6	3	PAOZZ	5310-00-809-4058	MS27183-10	96906	WASHER,FLAT JUNCTION BOX GROUND LEAD,1/4 IN.SCREW SIZE	
6	4	PAOZZ	5310-00-935-9022	MS51943-32	96906	NUT,SELF-LOCKING JUNCTION BOX GROUND LEAD,1/4-28 THD SIZE	
6	5	PAOZZ	5310-00-721-7809	MS35340-43	96906	WASHER,LOCK JUNCTION BOX GROUND LEAD, 1/4 IN. SCREW SIZE	
6	6	MOOZZ		LEO66	60532	LEAD,ELECTRICAL BOX TO BASE GROUND MANUFACTURE FROM P/N MILW5086AN10TYPE APPROX. 24 IN. REQUIRED	
6	7	XBOZZ		KNB10	60532	KNOB LINKAGE	
6	7A	XBOZZ		A4524-6211-3	60532	BOX ASSEMBLY	
6	8	PBOZZ	4130-00-834-5370	WIR77	60532	.CABLE ASSEMBLY JUNCTION BOX TO MOTOR	
6	9	PAOZZ	5310-00-889-2544	MS21045-06	96906	.NUT,SELF-LOCKING RELAY AND FUSE BOARD MTG,NO.4-40 THD SIZE	
6	10	PAOZZ	5310-00-082-1404	MS27183-6	96906	.WASHER,FLAT RELAY MTG,NO.4 SCREW SIZE	
6	11	XBOZZ		WAS189	60532	.WASHER,FLAT RELAY MTG,RUBBER	
6	12	PAOZZ	5945-00-958-2680	1409-18	02289	.RELAY	AEU
6	12	PAOZZ	5945-00-905-9222	1410-18	02289	.RELAY,ELECTROMAGNET	AEV
6	13	PAOZZ	5310-00-088-0551	MS21044N04	96906	.NUT,SELF-LOCKING ELECTRICAL CONNECTORS MTG,NO.4-40 THD SIZE	
6	14	PAOZZ	5305-00-889-2999	MS35206-217	96906	.SCREW,MACHINE ELECTRICAL CONNECTOR MTG,NO.4-40 THD SIZE,1/2 IN.LG	
6	15	PBOZZ	4130-00-135-6478	LEO236	60532	.LEAD ASSEMBLY JUNCTION BOX TO TERMINAL BOARD	
6	16	XBOZZ	5935-00-814-4115	MS3102R16S4S	96906	.CONNECTOR,RECEPTACLE ELECTRICAL	
6	17	PBOZZ	6150-00-834-5358	LED157	60532	.LEAD ASSEMBLY JUNCTION BOX TO TERMINAL BOARD	
6	18	XBOZZ	5935-00-814-4115	MS3102R16S4S	96906	.CONNECTOR,RECEPTACLE ELECTRICAL	
6	19	PBOZZ	4130-00-135-6477	LEO235	60532	.CONNECTOR,SOLENOID JUNCTION BOX TO TERMINAL BOARD	
6	20	XBOZZ	5935-00-984-2035	MS3102R16S4SW	96906	.CONNECTOR ELECTRICAL	
6	21	PBOZZ	4130-00-834-5355	LED156	60532	.CONNECTOR,SOLENOID JUNCTION BOX TO TERMINAL BOARD	
6	22	XBOZZ	5935-00-814-4115	MS3102R16S4S	96906	.CONNECTOR,RECEPTACLE ELECTRICAL	
6	23	XBOZZ	5330-00-396-0068	10-40450-16	77820	.GASKET ELECTRICAL CONNECTORS MTG	
6	24	PAOZZ	5305-00-959-5237	SCR282	60532	.SCREW,PANEL,FAS FASTENER,FRONT PANEL MTG	
6	25	PAOZZA		PNL1121	60532	.PANEL	
6	26	MOOZZ		GKT529	60532	.GASKET FRONT PANEL, SIDES MANUFACTURE FROM NSN 5330-00-406-7742 APPROX. 3/8 IN. X 5 1/2 IN. REQUIRED FOR EACH	
6	27	MOOZZ		GKT597	60532	.GASKET FRONT PANEL,TOP AND BOTTOM MANUFACTURE FROM NSN 5330-00-406-7742 APPROX. 5/16 IN. X 12 IN. REQUIRED FOR EACH	
6	28	PAOZZ	5310-00-061-7326	MS21045-3	96906	.NUT,SELF-LOCKING CONTACTOR,LARGE TERMINAL BOARD AND SEMICONDUCTOR MTG,NO.10-32 THD SIZE	
6	29	PAOZZ	5305-00-995-3444	MS35207-266	96906	.SCREW,MACHINE LARGE TERMINAL BOARD MTG,NO.10-32 THD SIZE, 7/8 IN.LG	
6	30	XBOZZ	5940-00-983-6103	MILT55164-39TB8	81349	.TERMINAL BOARD LARGE	
6	31	PAOZZ	5305-00-989-7434	MS35207-263	96906	.SCREW,MACHINE CONTACTOR MTG, NO. 10-32 THD SIZE 1/2 IN. LG	
6	32	PAOZZ	5945-00-991-8258	C4524-548-1	60532	.RELAY,ELECTROMAGNET 187 VDC, COIL VOLTAGE	
6	33	PBOZZ	4130-00-133-5740	ROD93	60532	.ROD,LINKAGE TO CIRCUIT BREAKER	
6	34	PAOZZ	5961-00-913-1749	SS0257	58849	.SEMICONDUCTOR	
6	35	PAOZZ	5920-00-939-5442	KAW5	71400	.FUSE,CARTRIDGE	
6	36	PAOZZ	5305-00-837-3343	MS24693S28	96906	.SCREW,MACHINE FUSE BOARD MTG,NO.6-32 THD SIZE,1/2 IN.LG	
6	37	PBOZZ	5920-00-887-6491	2819	71400	.FUSEHOLDER,ELEC	

TM 5-4120-285-24P

SECTION II

ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
38	PAOZZ	5305-00-984-4984	MS35206-227	96906	.SCREW,MACHINE CIRCUIT BREAKER AND SHIELD MTG,NO.6-32 THD SIZE,3/8 IN.LG	EA	4
39	PAOZZ	5310-00-082-1404	MS27183-6	96906	.WASHER,FLAT CIRCUIT BREAKER AND SHIELD MTG,NO.6 SCREW SIZE	EA	4
40	XBOZZ	5340-00-442-3299	CON47EXT1	60532	.CONNECTOR,ROD ROD TO CIRCUIT BREAKER	EA	1
41	PBOZZ	4130-00-857-2328	COV328	60532	.SHIELD,CIRCUIT	EA	1
42	XBOZZ	5925-00-826-8887	AMHK71-179-IMG6	74193	.CIRCUIT BREAKER	AEU	1
42	PAOZZ	5925-01-030-2956	AMHK71-179-2MG6	74193	.CIRCUIT BREAKER	AEV	1
43	PAOZZ	5305-00-904-4008	MS90727-231	96906	.SCREW,MACHINE SMALL TERMINAL BOARD MTG,NO.6-32 THD SIZE,5/8 IN.LG	EA	2
44	XBOZZ	5940-00-949-3105	699JJ7	75382	.TERMINAL BOARD SMALL	EA	1
45	XBOZZ		CI3853-1420	78533	.NUT,SPEED,SHEET FRONT PANEL TO JUNCTION BOX MTG	EA	4
46	XBOZZ		BOX82	60532	.BOX,JUNCTION	EA	1

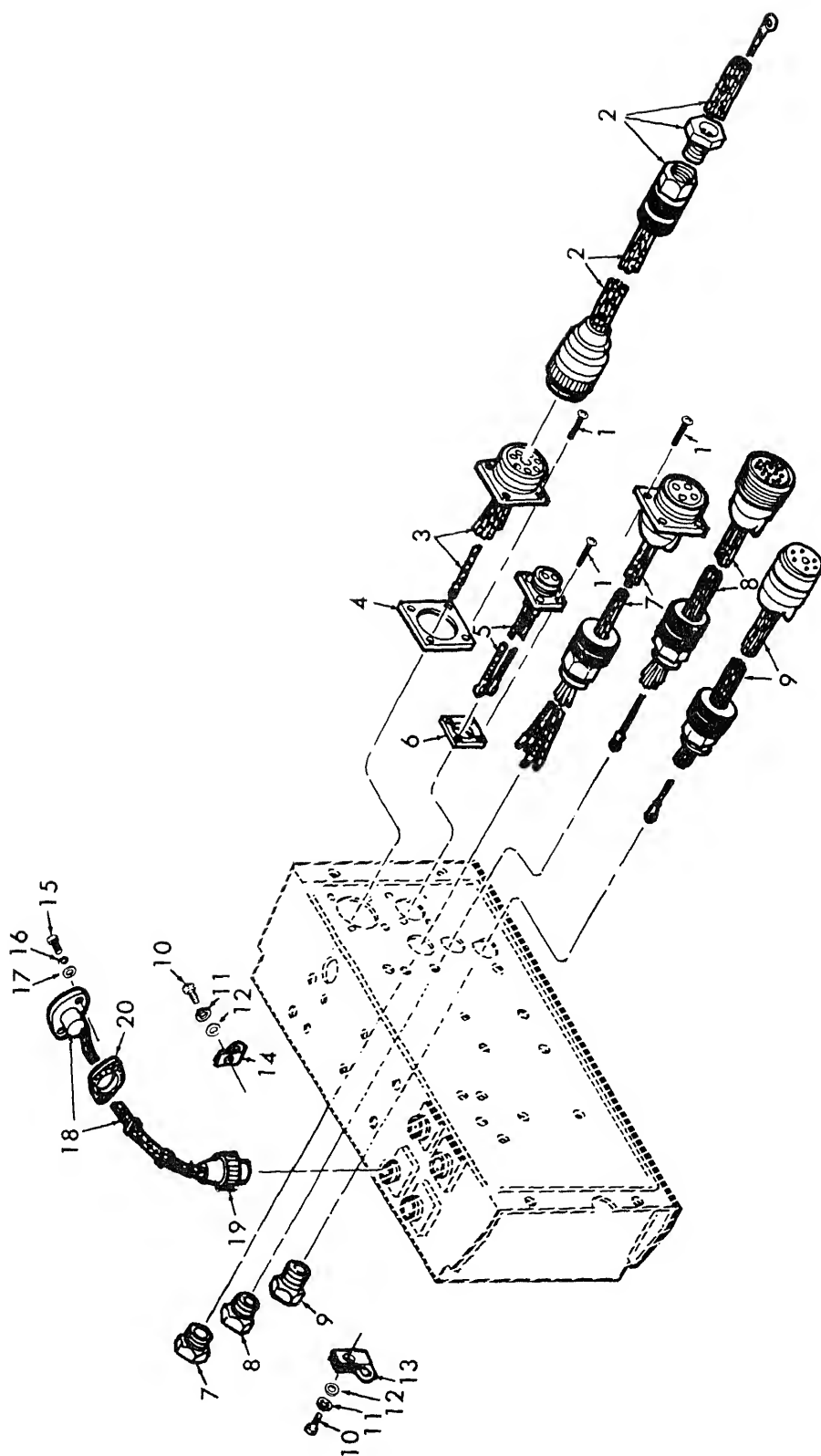


Figure 7. Control Box Wiring Harness

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE
7	1	XBOZZ	5305-00-053-1114	MS24624-11	96906	.SCREW,TAPPING RECEPTACLE MTG,NO.4-24 THD SIZE,1/2 IN.LG
7	2	PBOZZ	4130-00-133-5746	WIR144	60532	.CABLE ASSEMBLY,POWER JUNCTION BOX TO HEATER
7	3	PBOZZ	4130-00-834-5366	LED158	60532	.HEATER CONNECTOR JUNCTION BOX TO TERMINAL BOARD
7	4	XBOZZ	5330-00-641-4336	10-40450-22	77820	.GASKET ELECTRICAL CONNECTOR MOUNTING
7	5	PBOZZ	4130-00-135-6479	LED237	60532	.CONNECTOR,HIGH JUNCTION BOX TO TERMINAL BOARD
7	6	XBOZZ	4130-00-983-2335	C6974-22-41	78553	.RETAINING RING ELECTRICAL LEAD MOUNTING
7	7	PBOZZ	6150-00-133-5741	WIR145	60532	.WIRING HARNESS MAIN POWER,INPUT
7	8	PBOZZ	4130-00-133-5742	B4524-61B8	60532	.WIRING HARNESS JUNCTION BOX TO CONTROL PANEL
7	9	PBOZZ	4130-00-834-5368	WIR74	60532	.CABLE ASSEMBLY JUNCTION BOX TO COMPRESSOR
7	10	PAOZZ	5305-00-993-1848	MS35207-265	96906	SCREW,MACHINE WIRING HARNESS CLAMPS MTG,NO.10-32 THD SIZE, 3/4 IN.LG
7	11	PAOZZ	5310-00-721-7809	MS35340-43	96906	WASHER,LOCK WIRING HARNESS CLAMPS MTG,NO.10 SCREW SIZE
7	12	PAOZZ	5310-00-809-8546	MS27183-8	96906	WASHER,FLAT WIRING HARNESS CLAMPS MTG,NO.10 SCREW SIZE
7	13	XBOZZ	5340-00-726-9317	MS21919DG9	96906	CLAMP,LOOP WIRING HARNESS
7	14	XBOZZ	5340-00-205-6301	MS21919DG4	96906	CLAMP,LOOP WIRING HARNESS
7	15	PAOZZ	5305-00-984-7341	MS35191-273	96906	SCREW,MACHINE OUTDOOR THERMOSTAT MTG,NO.8-32 THD SIZE,5/8 IN.LG
7	16	PAOZZ	5310-00-045-3299	MS35338-42	96906	WASHER,LOCK OUTDOOR THERMOSTAT MTG,NO.8 SCREW SIZE
7	17	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER,FLAT OUTDOOR THERMOSTAT MTG,NO.8 SCREW SIZE
7	18	PAOZZ	5930-00-981-6680	NTP25	93410	SWITCH,THERMOSTAT OUTDOOR
7	19	XBOZZ	5935-00-253-5073	MS3106R16S4PX	96906	CONNECTOR,PLUG
7	20	XBOZZ	5330-00-961-8323	GKT375	60532	GASKET OUTDOOR THERMOSTAT MTG

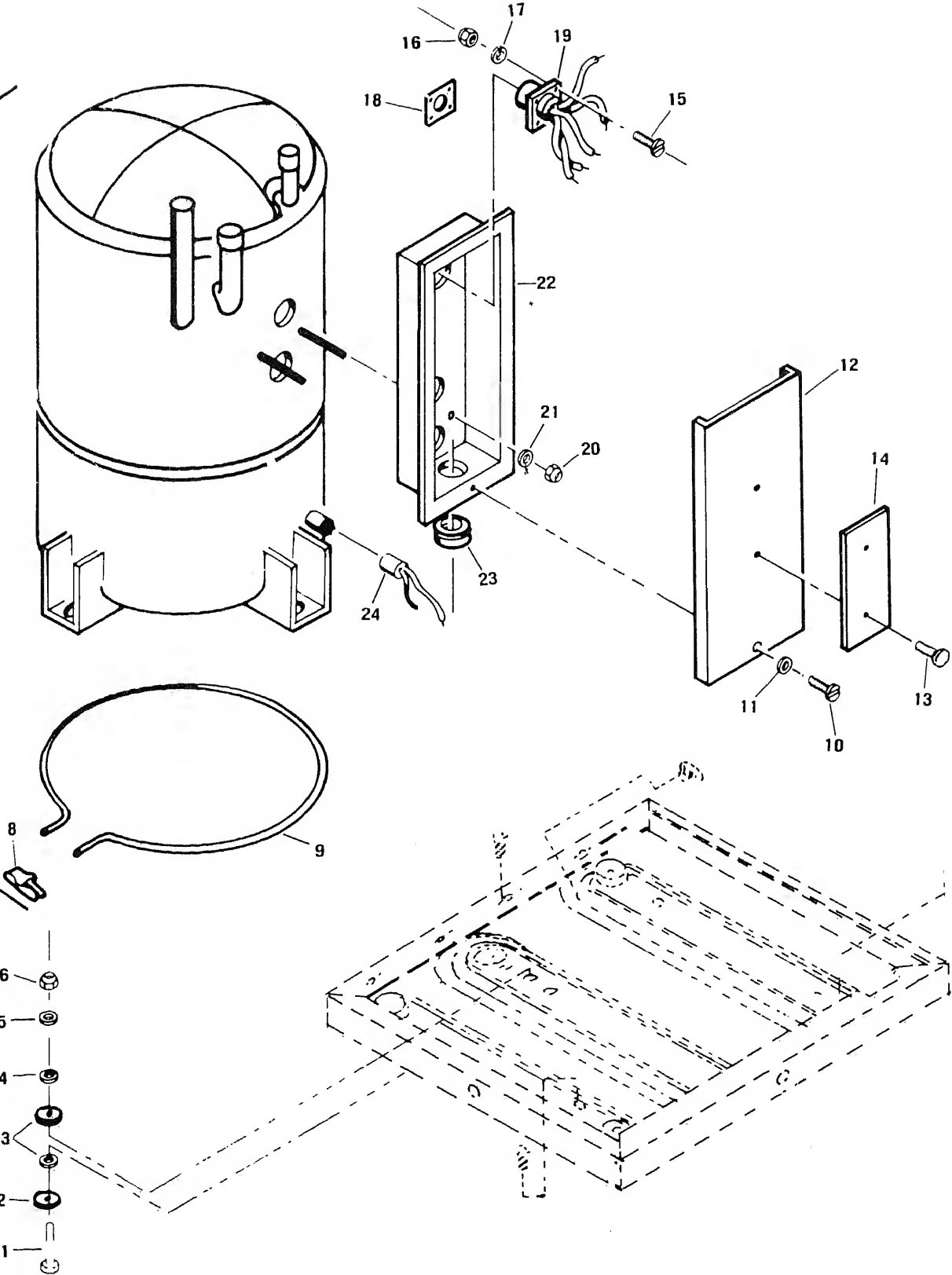


Figure 8. Compressor Assembly.

SECTION II

TM 5-4120-285-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE
GROUP 05 - COMPRESSOR ASSEMBLY						
8	1	PAFZZ	5306-00-235-4727	13211E8166	97403	SCREW, SHOULDER
8	2	PAFZZ	5310-00-167-0768	AN970-6	81352	WASHER, FLAT
8	3	PAFZZ	5310-00-401-3365	13211E8170	97403	WASHER, SHOULDER
8	4	PAFZZ	3120-00-410-6718	13211E8169	97403	BUSHING, SLEEVE
8	5	PAFZZ	5310-00-167-0767	AN970-5	81352	WASHER, FLAT
8	6	PAFZZ	5310-00-880-7744	MS51967-5B	96906	NUT, PLAIN, HEXAGON
8	7	PAHZZ	4130-00-139-3378	6A26M179	10855	COMPRESSOR, REFRIGER (EXTERNAL COMPONENTS SAME AS COMPRESSOR, P/N 6A26M189)
8	7	PAHZZ	4130-00-139-3372	6A26M189	10855	COMPRESSOR UNIT, REF
8	8	XBOZZ		KA90EC080	10855	.CLIP
8	9	PAOZZ		SW1230-21	87358	.HEATER, BAND
8	10	XBOZZ	5305-00-056-9945	MS24621-18	96906	.SCREW
8	11	XBOZZ		MS35338-22	96906	.WASHER
8	12	XBOZZ		1RG4076C	10855	.COVER, JUNCTION BOX
8	13	XBZZA		MS20470AD2-4	96906	.RIVET
8	14	XBOZZ		1RG5212C	10855	.NAME PLATE
8	15	XBOZZ	5305-00-889-2999	MS35206-217	96906	.SCREW
8	16	XBOZZ	5310-00-934-9739	MS35649-242	96906	.NUT
8	17	XBOZZ		MS35338-21	96906	.WASHER, LOCK
8	18	XBOZZ		MS51007-1	96906	.GASKET
8	19	XBOZZ		MS3102R20-15P	96906	.CONNECTOR, RECEPTACLE
8	20	XBOZZ		8RG5004B	10855	.NUT
8	21	XBOZZ		AU02AA131	10855	.WASHER
8	22	XBOZZ		2RG5222C	10855	.JUNCTION BOX
8	23	XBOZZ	5325-00-940-7988	MS35489-37	96906	.GROMMET
8	24	PAOZZ		3RG5163B	10855	.THERMOSTAT

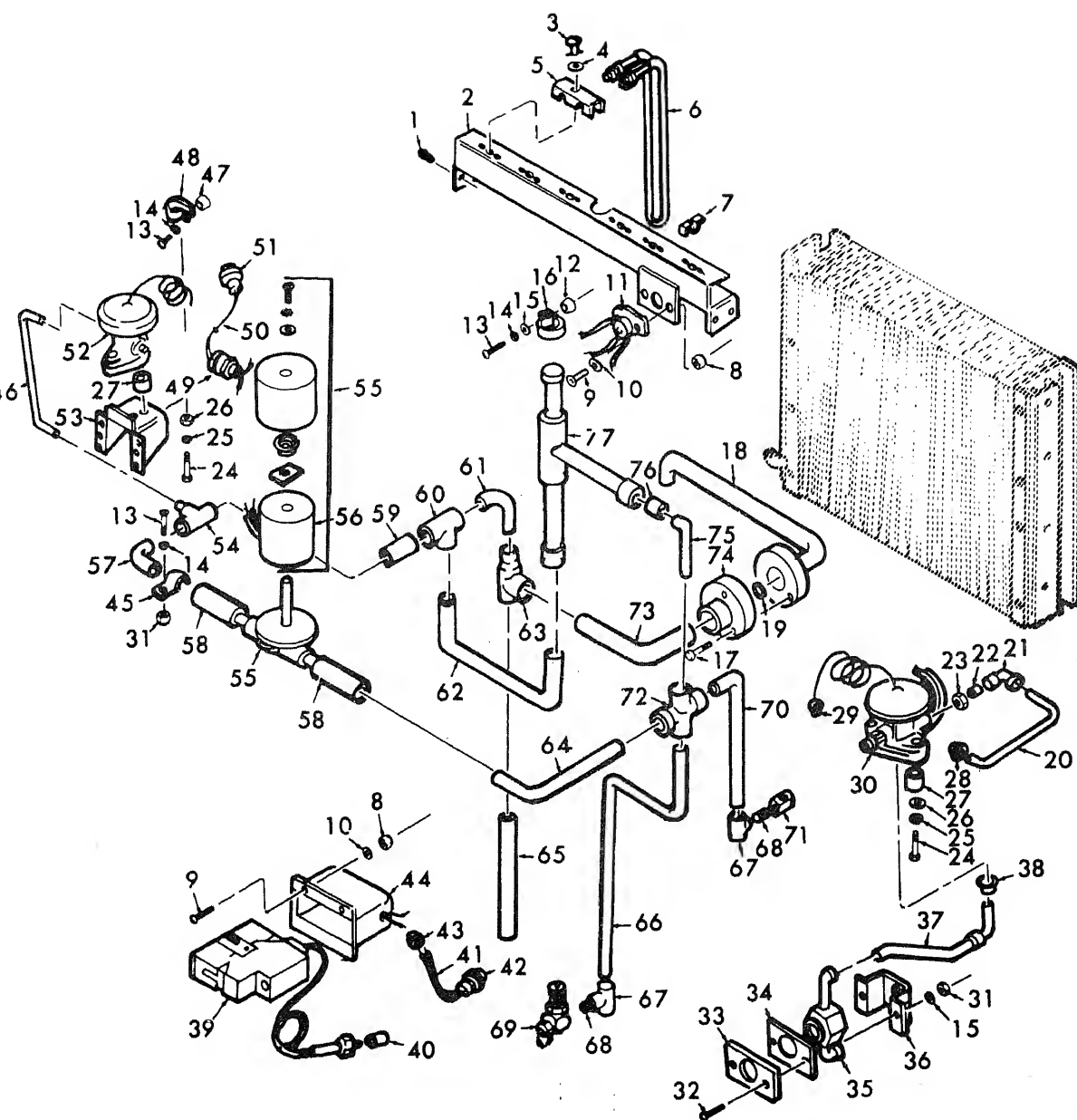


Figure 9. Heaters, Sight Indicators, Switch, Valves And Tubing

FIG NO.	ITEM NO.	SMH CODE	STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE
						GROUP 06 - CONDENSER, REFRIGERANT UNITS
9	1	PAFZZ	5320-00-582-3304	ADH3H	61957	RIVET, BLIND HEATER SUPPORT MTG
9	2	PAFZZ		SUP131	60532	SUPPORT ASSEMBLY
9	3	PAFZZ	5305-00-984-7441	12-11-613-12	94222	SCREW ASSEMBLY CLAMP MTG
9	4	PAFZZ	5310-00-880-9344	12-11014-12	94222	WASHER, RETAINING CLAMP MTG
9	5	XBFZZ		CMP59	60532	CLAMP UPPER HEATER SUPPORT
9	6	PAFZZ	4130-00-878-0103	HTR108	60532	HEATING ELEMENT
9	7	XBFZZ	4130-00-056-4593	CLP29	60532	CLIP LOWER HEATER SUPPORT
9	8	PAFZZ	5310-00-811-3494	MS21044N08	96906	NUT, SELF-LOCKING HEATER THERMOSTAT AND PRESSURE SWITCH MTG, NO.8-32 THD SIZE
9	9	PAFZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE HEATER THERMOSTAT AND PRESSURE SWITCH MTG, NO.8-32 THD SIZE, 5/8 IN. LG
9	10	PAFZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT HEATER THERMOSTAT AND PRESSURE SWITCH MTG, NO.8 SCREW SIZE
9	11	PAFZZ	4130-00-106-1972	13211E8265	97403	THERMOSTAT, HEAT HEATER THERMAL RELAY AUTOMATIC RESET
9	12	XBFZZ		SPC66	60532	SPACER SUCTION PRESSURE REGULATOR VALVE CLAMP MTG
9	13	PAFZZ	5305-00-995-3441	MS35207-269	96906	SCREW, MACHINE TUBE CLAMPS, NO.10-32 THD SIZE, 1 1/2 IN. LG
9	14	PAFZZ	5310-00-721-7809	MS35340-43	96906	WASHER, LOCK TUBE CLAMP MTG, NO.10 SCREW SIZE
9	15	PAHZZ	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT INDICATOR BRACKET AND TUBE CLAMPS, NO.10 SCREW SIZE
9	16	PAFZZ	5340-00-726-9321	MS21919DG20	96906	CLAMP, LOOP SUCTION PRESSURE REGULATOR VALVE MTG
9	17	PAFZZ	5305-00-978-9385	MS16997-62	96906	SCREW, CAP, HEXAGON FLANGE MTG, 1/4-20 THD SIZE, 1 IN. LG
9	18	XBFZZ		TUB292	60532	TUBE AND FLANGE
9	19	PBFZZ	5330-00-018-7483	RNG146	60532	PACKING, PREFORMED EVAPORATOR TUBE FLANGE
9	20	MFFZZ		TUB412	60532	TUBE, BENT SUCTION LINE TO EXPANSION VALVE MANUFACTURE FROM NSN 4710-00-203-3171 APPROX. 33 1/2 IN. REQUIRED
9	21	PAFZZ	4730-00-735-1301	707	12168	ELBOW, TUBE BENT TUBE TO FLARED TUBE, 90 DEGREES, 1/8 IN
9	22	XBFZZ		TUB413	60532	TUBE, FLARED BENT TUBE TO FLARE NUT, 3/4 IN. LG
9	23	PAFZZ	4730-00-189-2737	A5051	41947	NUT, TUBE COUPLING FLARED TUBE TO EXPANSION VALVE, 1/4 IN. FL
9	24	PAFZZ	5305-00-269-3216	MS90725-66	96906	SCREW, CAP, HEXAGON EXPANSION VALVES MTG, 3/8-16 THD SIZE, 2 IN. LG
9	25	PAFZZ	5310-00-959-4675	MS35340-46	96906	WASHER, LOCK EXPANSION VALVES MTG, 3/8 IN. SCREW SIZE
9	26	PAFZZ	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT EXPANSION VALVES MTG, 3/8 IN. SCREW SIZE
9	27	XBHZZ		SPC21	60532	SPACER EXPANSION VALVES MTG
9	28	XBFZZ	5325-00-281-1557	MS35489-17	96906	GROMMET, NONMETALLIC EXPANSION VALVE MTG
9	29	XBFZZ		GRM19	60532	GROMMET, RUBBER EXPANSION VALVE REMOTE BULB CAPILLARY TUBE
9	30	PAHZZ	4820-00-135-6489	TCLB200HW100	70255	VALVE, EXPANSION LIQUID LINE TO EVAPORATOR
9	31	PAHZZ	5310-00-061-7326	MS21045-3	96906	NUT, SELF-LOCKING SIGHT INDICATOR BRACKET AND TUBE CLAMP MTG, NO.10-32 THD SIZE
9	32	PAHZZ	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE SIGHT INDICATOR BRACKET MTG, NO.10-32 THD SIZE, 5/8 IN. LG
9	33	XBHZZ		SPC17	60532	SPACER SIGHT INDICATOR MTG
9	34	MHHZZ		GKT479	60532	GASKET SIGHT INDICATOR MTG MANUFACTURE FROM P/N MILR1149TYPE1CLASS1 APPROX. 1 11/16 IN. SQ. REQUIRED
9	35	PAHZZ	4130-00-073-8404	SAK13	78462	INDICATOR, SIGHT
9	36	XBHZZ		SRP24	60532	BRACKET SIGHT GLASS MTG
9	37	MFFZZ		TUB203	60532	TUBE, BENT SIGHT INDICATOR TO EXPANSION VALVE MANUFACTURE FROM NSN 4710-00-424-2693 APPROX. 13 IN. REQUIRED

(2)	(3)	(4)	(5)	(6)	(7)	(8)
SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
				UNABLE ON CODE		
XBFZZ		GRM3	60532	GROMMET,RUBBER EXPANSION VALVE DISCHARGE TUBE	EA	1
PAFZZ	5930-00-275-7800	13211E8404	97403	SWITCH,PRESSURE	EA	1
XBFZZ		GRM19	60532	GROMMET,RUBBER	EA	1
PBOZZ	6150-00-857-2349	WIR99	60532	CABLE ASSEMBLY SWITCH TO JUNCTION BOX	EA	1
XBOZZ	5935-00-819-5887	MS3106R16S4D	96906	.CONNECTOR,PLUG	EA	1
XBFZZ		BUS52	60532	BUSHING,RUBBER	EA	1
XBFZZ		C0V314	60532	COVER,SWITCH	EA	1
PAFZZ	5340-00-205-6301	MS21919DG4	96906	CLAMP,LOOP SOLENOID VALVE,K3 ELECTRICAL LEAD MTG	EA	3
MFFZZ		TUB212	60532	TUBE,BENT BY-PASS EXPANSION VALVE TO SUCTION LINE TEE MANUFACTURE FROM NSN 4710-00-203-3171 APPROX. 8 23/32 IN. REQUIRED	EA	1
XBFZZ		SPC57	60532	SPACER TUBE CLAMPS MTG	EA	5
PAFZZ	5340-00-533-5342	MS21919DG8	96906	CLAMP,LOOP TUBE MTG	EA	3
XBFZZ	4810-00-136-1135	GRP30	60532	GRIP,CABLE K3 VALVE	EA	2
XBFZZ		C4524-6577	60532	LEAD ASSEMBLY K3 VALVE TO JUNCTION BOX	EA	1
XBFZZ	5935-00-819-5887	MS3106R16S4D	96906	.CONNECTOR,PLUG	EA	1
XBNZZ	4820-00-911-2249	-TLX200HW100	70255	VALVE,EXPANSION BY-PASS,CONDENSOR TO SUCTION LINE	EA	1
XBNZZ		BRK217	60532	BRACKET EXPANSION VALVE MTG	EA	1
PAFZZ	4730-00-821-9184	WT600W40350	41947	TEE,TUBE HOT GAS BY-PASS K3 SOLENOID VALVE TO SUCTION FLANGE PIPING AND BY-PASS EXPANSION VALVE	EA	1
PAFZZ	4810-00-136-1135	TYPE0132	93781	VALVE,SOLENOID K3,NORMALLY OPEN	EA	1
PAOZZ	5950-00-677-0567	537	93781	.COIL,ELECTRICAL	EA	1
MFFZZ		TUB210	60532	TUBE,BENT DISCHARGE LINE CROSS TO SUCTION REGULATOR VALVE MANUFACTURE FROM NSN 4710-00-059-5900 APPROX. 6 3/4 IN. REQUIRED	EA	1
XBFZZ	4130-00-888-7709	TUB282	60532	EXTENSION,TUBE K3 VALVE	EA	2
MFFZZ		TUB181	60532	TUBE,COPPER SUCTION LINE TEE TO HOT GAS BY-PASS SOLENOID VALVE AND BY-PASS EXTENSION VALVE TEE MANUFACTURE FROM NSN 4710-00-059-5900 APPROX. 1 3/16 IN. REQUIRED	EA	1
PAFZZ	4730-00-203-4921	WT600W4015	41947	TEE,TUBE SUCTION FLANGE TO HOT GAS BY-PASS K3 SOLENOID VALVE	EA	1
MFFZZ		TUB182	60532	TUBE,BENT HOT GAS BY-PASS SOLENOID VALVE TO DISCHARGE LINE MANUFACTURE FROM NSN 4710-00-059-5900 APPROX. 5/18 IN. REQUIRED	EA	1
MFFZZ		TUB285	60532	TUBE,BENT SUCTION REGULATOR VALVE TO SUCTION LINE TEE MANUFACTURE FROM NSN 4710-00-277-5530 APPROX. 8 7/8 IN. REQUIRED	EA	1
PAFZZ	4730-00-815-5691	WT600W4025	41947	TEE,TUBE SUCTION FLANGE TO HOT GAS BY-PASS K3 SOLENOID VALVE	EA	1
MFFZZ		TUB198	60532	TUBE,BENT HOT GAS BY-PASS SOLENOID VALVE TO CONDENSER LINE MANUFACTURE FROM NSN 4710-00-059-5900 APPROX. 6 1/2 IN. REQUIRED	EA	1
MFFZZ		TUB197	60532	TUBE,COPPER SUCTION LINE, CENTER MANUFACTURE FROM NSN 4710- 00-554-8692 APPROX. 11 17/32 IN. REQUIRED	EA	1
MFFZZ		TUB201	60532	TUBE,BENT DISCHARGE LINE, COMPRESSOR TO TEE MANUFACTURE FROM NSN 4710-00-059-5900 APPROX. 25 31/32 IN. REQUIRED	EA	1
XBFZZ	4730-00-815-5686	WT600W4018	41947	TEE,TUBE SUCTION LINE STOP VALVE MTG,3/4 X 3/4 X 5/8	EA	2
XBFZZ	4730-00-275-6527	WC417A7812	41947	ADAPTER,STRAIGHT CHARGING VALVES AND HIGH PRESSURE CUTOUT EXTENSION	EA	3
PAFZZ	4820-00-940-8105	5939X4	58553	VALVE,DIAPHRAGM SUCTION AND DISCHARGE LINES,1/8 NPT ONE END, 1/4 IN.FLARE OTHER END	EA	2
MFFZZ		TUB199	60532	TUBE,BENT DISCHARGE LINE CROSS TO CONDENSER MANUFACTURE FROM NSN 4710-00-059-5900 APPROX. 10 5/8 IN. REQUIRED	EA	1
PAFZZ	4730-00-254-6211	J513	81343	ELBOW,PIPE TO HIGH PRESSURE CUTOUT EXTENSION TUBE	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION
9	72	XBFZZ		WT603A1452	60532	CROSS,TUBE DISCHARGE LINE TO HOT GAS BY-PASS SOLENOID SUCTION PRESSURE REGULATOR VALVE AND CONDENSER
9	73	MFFZZ		TUB208	60532	TUBE,BENT SUCTION LINE TO HOT GAS SOLENOID VALVE AND B EXPANSION VALVE MANUFACTURE FROM NSN 4710-00-059-5900 A 5 15/16 IN. REQUIRED
9	74	XBFZZ	4730-00-408-4566	FLG71	60532	FLANGE,PIPE EVAPORATOR FLANGE TO SUCTION LINE
9	75	MFFZZ		TUB196	60532	TUBE,BENT SUCTION FLANGE TO SUCTION LINE TEE MANUFACTURE FROM NSN 4710-00-554-8692 APPROX. 7 1/8 IN. REQUIRED
9	76	XBFZZ	4730-00-277-7542	WC403W1315	41947	REDUCER,TUBE SUCTION PRESSURE REGULATOR VALVE TO SUCTION LINE,1/2 TO 5/8 IN
9	77	PAFZZ	4820-00-909-3717	70237-142	91494	VALVE,REGULATING,FL DISCHARGE LINE TO SUCTION LINE

USABLE C

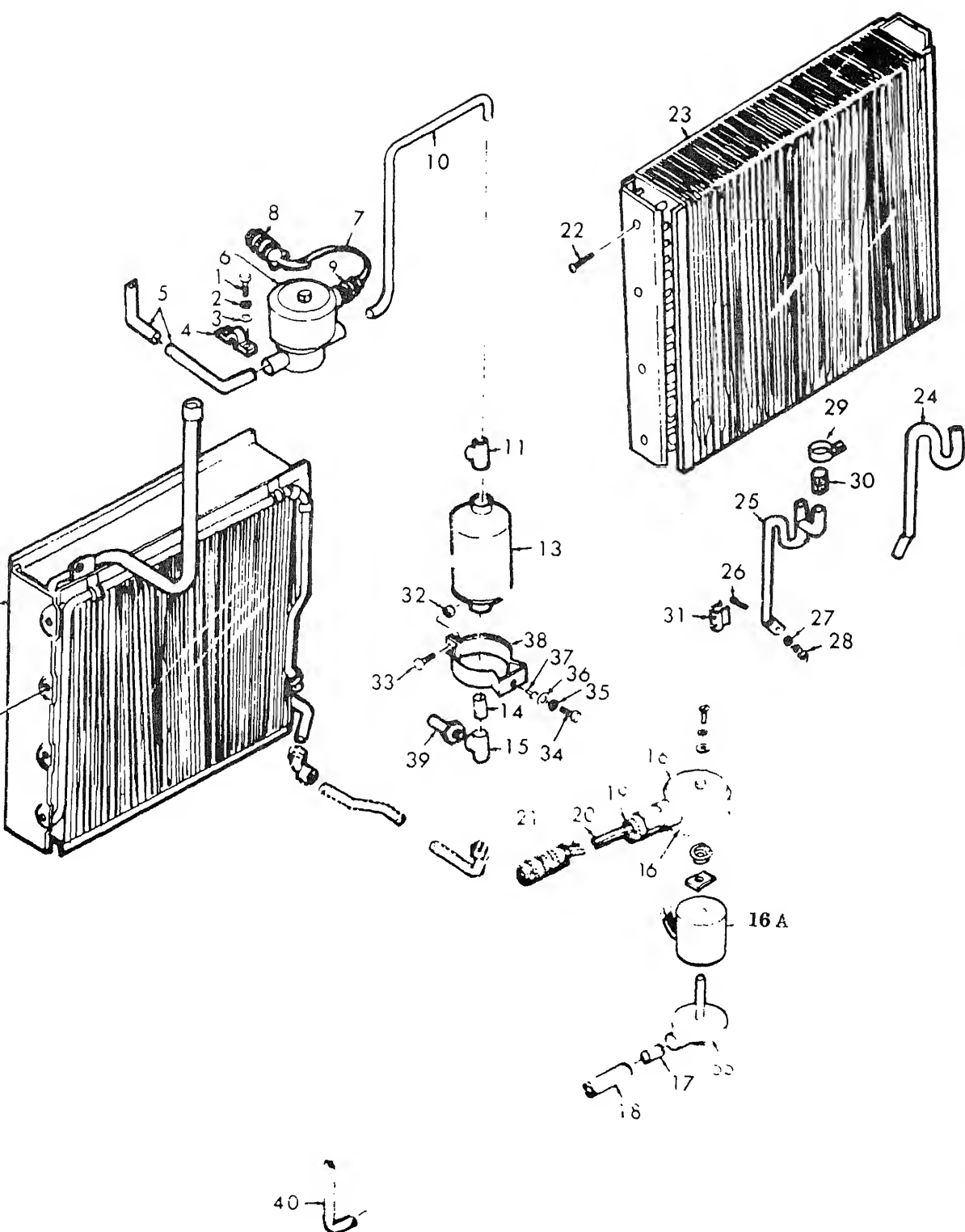


Figure 10 Condenser Assembly

FIG NO.	ITEM NO.	SMH CODE	STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE
10	1	PAFZZ	5305-00-984-6195	MS35206-247	96906	SCREW,MACHINE VALVE CLAMPS MTG,NO.8-32 THD SIZE,3/4 IN.LG
10	2	PAFZZ	5310-00-045-3299	MS35338-42	96906	WASHER,LOCK VALVE CLAMPS MTG,NO.8 SCREW SIZE
10	3	XBFZZ	5310-00-194-9195	MS15795-207	96906	WASHER,FLAT VALVE CLAMPS MTG,NO.8 SCREW SIZE
10	4	XBFZZ		CMP56	60532	CLAMP SOLENOID VALVES MTG TO BASE
10	5	XBFZZ		TUB409	60532	TUBE,BENT OUTLET SIDE
10	6	PAFZZ	4810-00-919-5289	OB235	93781	VALVE NORMALLY OPEN
10	7	PBOZZ	6150-00-857-2350	WIR102	60532	CABLE ASSEMBLY,ELECTRICAL,K2 VALVE TO CONTROL BOX
10	8	XBOZZ	5935-00-819-5887	MS3106R16S4D	96906	.CONNECTOR,PLUG
10	9	XBOZZ		GRP30	60532	.GRIP,CABLE
10	10	MFFZZ		TUB408	60532	TUBE,BENT DEHYDRATOR TO K2 VALVE MANUFACTURE FROM NSN 4710-00-424-2693 APPROX. 25 IN. REQUIRED
10	11	XBFZZ		WT600W4000	41947	TEE,TUBE DEHYDRATOR,TOP
10	13	PAFZZ	4130-00-683-8696	C083S	78462	DEHYDRATOR,DESICCAN
10	14	MFFZZ		TUB64	60532	TUBE,COPPER RELIEF VALVE TO DEHYDRATOR MANUFACTURE FROM NSN 4710-00-424-2693 APPROX. 1 3/16 IN. REQUIRED
10	15	XBFZZ		WT620W4229	41947	TEE,TUBE DEHYDRATOR,BOTTOM
10	16	PAFZZ	4810-00-911-2250	132	93781	VALVE,SOLENOID NORMALLY CLOSED
10	16A	PAOZZ	5950-00-677-0567	537	93781	.COIL ELECTRICAL
10	17	PBFZZ	4730-00-264-9153	WC400W1009	41947	COUPLING,TUBE INLET SIDE,3/8 IN.BY 3/8 IN
10	18	PBFZZ	3120-00-458-1877	CPL123	60532	BUSHING,SLEEVE INLET SIDE,1/2 IN.OD,1 IN.LG,RED BRASS
10	19	XBOZZ		GRP30	60532	GRIP,CABLE
10	20	PBOZZ	6150-00-864-0633	WIR103	60532	LEAD ASSEMBLY K1 VALVE TO CONTROL BOX
10	21	XBOZZ	5935-00-819-5887	MS3106R16S4D	96906	CONNECTOR,PLUG
10	22	PAFZZ	5305-00-989-7434	MS35207-263	96906	SCREW,MACHINE EVAPORATOR AND CONDENSER MTG,NO.10-32 THD SIZE,1/2 IN.LG
10	23	PAFZZ	4130-00-136-1171	A4524-6009-1	60532	COOLING COIL,A1
10		XBHZZ		C4524-5728-1	60532	.TUBE ASSEMBLY: EVAPORATOR DRAIN,RIGHT HAND (COMPONENTS SAME AS TUBE ASSEMBLY, STOCK NO. TUB191 (60532) EXCEPT WHERE INDIVIDUAL ITEMS ARE ANNOTATED)
10		XBHZZ		TUB191	60532	.TUBE ASSEMBLY: EVAPORATOR DRAIN, LEFT HAND
10	24	XBHZZ		TUB118	60532	..TUBE,DRAIN RH CENTER (USED ON TUBE ASSEMBLY,P/N C4524-5728-1 (60532) ONLY)
10	25	XBHZZ		TUB75	60532	..TUBE,DRAIN FRONT,LH CENTER (USED ON TUBE ASSEMBLY,P/N TUB191(60532) ONLY)
10	25	XBHZZ		TUB53	60532	..TUBE,DRAIN REAR,LH CENTER (USED ON TUBE ASSEMBLY,P/N TUB191(60532)ONLY)
10	26	PAHZZ	5315-00-234-1856	MS24665-155	96906	..PIN,COTTER BALL BEARING AND SPRING RETAINER,1/16 IN.OD,1 IN.LG
10	27	PBHZZ	3110-00-136-2696	BAL25	60532	..BALL,BEARING DRAIN TUBE CHECK VALVE
10	28	PBHZZ	5360-00-027-5671	D4524-1671-1	60532	..SPRING,HELICAL BALL BEARING SEAT
10	29	PAHZZ	4730-00-908-3195	MS35842-10	96906	.CLAMP,HOSE DRAIN TUBES
10	30	MHHZZ		HSE45	60532	HOSE,DRAIN MANUFACTURE FROM NSN 4720-00-540-1778 APPROX. 1 1/2 IN. REQUIRED FOR EACH
10	31	PAHZZ	5340-00-702-1424	C22146-017	78553	CLIP,SPRING TEN DRAIN TUBES MTG
10	32	PAFZZ	5310-00-877-5796	MS21044N4	96906	NUT,SELF-LOCKING DEHYDRATOR CLAMP LOCKING,1/4-28 THD SIZE
10	33	PAFZZ	5305-00-267-8980	MS90726-14	96906	SCREW,CAP,HEXAGON DEHYDRATOR CLAMP LOCKING
10	34	PAFZZ	5305-00-068-0506	MS90726-6	96906	SCREW,CAP,HEXAGON HEAD DEHYDRATOR CLAMP MTG,1/4-28 THD SIZE, 3/4 IN.LG

SECTION II

TM 5-4120-285-24P

(2)	(3)	(4)	(5)	(6)	(7)	(8)
SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
AFZZ	5310-00-682-5930	MS35340-44	96906	WASHER, LOCK DEHYDRATOR CLAMP MTG, 1/4 IN. SCREW SIZE	EA	1
AFZZ	5310-00-809-4058	MS27183-10	96906	WASHER, FLAT DEHYDRATOR CLAMP MTG, 1/4 IN. SCREW SIZE	EA	1
AFZZ	5310-00-835-2135	MS27130-26K	96906	NUT, PLAIN, BLIND BRACKET MTG	EA	1
DFZZ	5340-00-178-1338	BRK220	60532	HANGER, PIPE DEHYDRATOR	EA	1
AFZZ	4820-00-073-8405	3001X4-540	58553	VALVE, PRESSURE, CONDENSOR TO DEHYDRATOR LINE	EA	1
FFZZ		TUB410	60532	TUBE, BENT K1 SOLENOID VALVE TO BY-PASS EXPANSION VALVE MANUFACTURE FROM NSN 4710-00-203-3171 APPROX. 52 7/8 IN. REQUIRED	EA	1
AHZZ	4130-00-135-2372	A4524-6254-1	60532	CONDENSER, AIR C	EA	1

STOCK NUMBER	NO.	NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5330-00-018-7483	9	19	5320-00-582-3304	9	1
5360-00-027-5671	10	26	5340-00-586-7652	5	19
5310-00-045-3296	5	13	5305-00-616-8124	4	8
5310-00-045-3299	2	2	5330-00-641-4336	7	4
5310-00-045-3299	7	16	5340-00-663-1979	5	14
5310-00-045-3299	10	2	5950-00-677-0567	9	56
5305-00-053-1114	2	19	5950-00-677-0567	16	16A
5305-00-053-1114	5	4	5310-00-682-5930	2	51
5305-00-053-1114	7	1	5310-00-682-5930	3	22
4130-00-056-4593	9	7	5310-00-682-5930	5	2
5305-00-056-9945	8	10	5310-00-682-5930	10	35
5310-00-061-7326	6	28	4130-00-683-8696	10	13
5310-00-061-7326	9	31	5340-00-702-1424	10	31
5325-00-067-9222	2	26	5310-00-721-7809	2	45
5305-00-068-0502	5	1	5310-00-721-7809	5	21
5305-00-068-0506	2	50	5310-00-721-7809	6	5
5305-00-068-0506	10	34	5310-00-721-7809	7	11
4130-00-073-8404	9	35	5310-00-721-7809	9	14
4820-00-073-8405	10	39	5325-00-724-7655	2	38
5310-00-080-6004	9	26	5340-00-726-9317	7	13
5310-00-082-1404	6	10	5340-00-726-9321	9	16
5310-00-082-1404	6	39	5315-00-730-4564	3	7
5310-00-088-0551	6	13	4730-00-735-1301	9	21
4130-00-106-1972	9	11	5935-00-801-6616	4	7
4130-00-106-5657	2	24	5310-00-807-1473	3	11
5320-00-117-6010	2	27	5310-00-809-4058	2	52
3110-00-124-9076	4	4	5310-00-809-4058	5	3
4130-00-133-5740	6	33	5310-00-809-4058	6	3
6150-00-133-5741	7	7	5310-00-809-4058	10	36
4130-00-133-5742	7	8	5310-00-809-8544	3	12
4130-00-133-5743	5	5	5310-00-809-8544	3	23
4130-00-133-5744	3	10	5310-00-809-8544	7	17
4130-00-133-5745	3	19	5310-00-809-8544	9	10
4130-00-133-5746	7	2	5310-00-809-8546	2	46
4130-00-135-2372	10	41	5310-00-809-8546	5	20
4130-00-135-2373	3	26	5310-00-809-8546	7	12
4130-00-135-6432	3	24	5310-00-809-8546	9	15
4130-00-135-6477	6	19	5310-00-811-3494	9	8
4130-00-135-6478	6	15	5935-00-814-4115	6	16
4130-00-135-6479	7	5	5935-00-814-4115	6	18
4820-00-135-6489	9	30	5935-00-814-4115	6	22
4810-00-136-1135	9	49	4730-00-815-5686	9	67
4810-00-136-1135	9	55	4730-00-815-5691	9	63
4130-00-136-1171	10	23	5935-00-819-5887	9	42
3110-00-136-2696	10	27	5935-00-819-5887	9	51
5935-00-137-4670	2	16	5935-00-819-5887	10	8
4130-00-139-3372	8	7	5935-00-819-5887	10	21
4130-00-139-3378	8	7	4730-00-821-9184	9	54
5310-00-167-0767	8	5	5925-00-828-8887	8	42
5310-00-167-0768	8	2	4130-00-832-9335	5	25
5325-00-178-1331	2	48	4130-00-834-5344	2	21
5340-00-178-1338	10	38	4130-00-834-5355	6	21
5365-00-178-1364	3	3	6150-00-834-5358	6	17
5310-00-188-7969	2	13	4130-00-834-5366	7	3
4730-00-189-2737	9	23	4130-00-834-5368	7	9
4730-00-203-4921	9	60	4130-00-834-5370	6	8
5340-00-205-6301	7	14	5310-00-835-2135	10	37
5340-00-205-6301	9	45	4130-00-835-4329	2	23A
5315-00-234-1856	10	26	5310-00-837-3283	3	17
5306-00-235-4727	8	1	5305-00-837-3343	6	36
5930-00-236-2351	5	18	5306-00-845-9958	3	15
5935-00-253-5073	7	19	5325-00-849-3170	3	18
4730-00-254-6211	9	71	5340-00-854-1975	2	42
4730-00-264-9153	10	17	4130-00-857-2328	6	41
5305-00-267-8974	6	2	6150-00-857-2349	9	41
5305-00-267-8980	10	33	6150-00-857-2350	10	7
5305-00-289-3216	9	24	6150-00-864-0633	10	20
4730-00-275-6527	9	68	5310-00-877-5796	3	1
5930-00-275-7800	9	39	5310-00-877-5796	10	32
4730-00-277-7542	9	76	5310-00-877-5796	5	24
5325-00-281-1557	9	28	4130-00-878-0103	9	6
5310-00-285-1554	3	2	5310-00-880-7744	8	6
5330-00-398-0068	6	23	5310-00-880-9344	2	34
5310-00-401-3365	8	3	5310-00-880-9344	9	4
4730-00-406-4566	9	74	5920-00-887-6491	6	37
3120-00-410-6718	8	4	4130-00-888-7709	9	58
5365-00-410-9516	3	20	5310-00-889-2544	6	9
5340-00-442-3299	6	40	5310-00-889-2549	5	11
3120-00-458-1877	10	18	5305-00-889-2999	4	6
5310-00-530-9963	2	40	5305-00-889-2999	6	14
5340-00-533-5342	9	48	5305-00-889-2999	8	15
5340-00-543-4394	2	47	5305-00-904-4008	6	43
3110-00-554-3459	4	4			

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

SECTION IV

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5945-00-905-9222	6	12	5305-00-975-1975	3	6
4730-00-908-3195	10	29	5305-00-978-9369	3	9
4820-00-909-3717	9	77	5305-00-978-9385	9	17
4820-00-911-2249	9	52	4130-00-981-6615	2	41
4810-00-911-2250	10	16	5930-00-981-6680	7	18
5961-00-913-1749	6	34	4130-00-983-2335	2	21
4810-00-919-5289	10	6	4130-00-983-2335	7	6
4130-00-922-2439	2	43	4130-00-983-2337	2	53
5930-00-923-4176	5	10	5940-00-983-6103	6	30
5355-00-926-5289	5	16	5935-00-984-2035	6	20
4140-00-929-5561	3	8	5305-00-984-4984	6	38
4130-00-933-0945	3	5	5305-00-984-6193	4	2
5310-00-934-9739	8	16	5305-00-984-6193	5	8
5310-00-934-9751	5	23	5305-00-984-6194	2	1
5310-00-935-9022	6	4	5305-00-984-6194	3	13
5360-00-936-9551	2	23	5305-00-984-6194	3	21
5920-00-939-5442	6	35	5305-00-984-6194	9	9
5325-00-940-7988	8	23	5305-00-984-6195	2	14
4820-00-940-8105	9	69	5305-00-984-6195	10	1
5940-00-949-3105	6	44	5305-00-984-7341	7	15
6105-00-949-8627	4	1	5305-00-984-7441	2	33
6105-00-949-8629	4	1	5305-00-984-7441	9	3
5305-00-957-2640	3	4	5305-00-989-7434	6	31
5945-00-958-2680	6	12	5305-00-989-7434	10	22
4730-00-959-2329	2	55	5305-00-989-7435	2	44
5310-00-959-4675	3	16	5305-00-989-7435	9	32
5310-00-959-4675	9	25	5945-00-991-8258	6	32
5305-00-959-5237	6	1	5305-00-993-1848	7	10
5305-00-959-5237	6	24	5305-00-993-1851	5	22
5330-00-961-8323	7	20	5305-00-995-3441	9	13
5305-00-964-7814	5	12	5305-00-995-3444	6	29
			5925-01-030-2956	6	42
			4120-01-062-0698	5	3A

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
-TLX200HW100	70255	9	52	C4524-4955-1	60532	3	10
ADH3H	61957	9	1	C4524-4956-1	60532	3	14
AMHK71-179-IMG6	74193	6	42	C4524-548-1	60532	6	32
AMHK71-179-2MG6	74193	6	42	C4524-6183-1	60532	2	10
ANG14	60532	2	22	C4524-6577	60532	9	50
AN970-5	81352	8	5	C6974-22-41	78553	2	21
AN970-6	81352	8	2	C6974-22-41	78553	7	8
AUO2AA131	10855	8	21	C7968-7614-541	78553	2	53
A4524-6009-1	60532	10	23	C7988-1420	78553	5	19
A4524-6211-3	60532	6	7A	D4524-1671-1	60532	10	28
A4524-6254-1	60532	10	41	D4524-1969	60532	3	2
A5051	41947	9	23	D4524-6437-1	60532	2	8
A6974-14-41	78553	5	9	D4524-6438-1	60532	2	29
BAL25	60532	10	27	D4524-6439-1	60532	2	28
BLT72	60532	3	15	FAN391	60532	3	26
BOX82	60532	6	46	FLG71	60532	9	74
BRG5007B	10855	8	13	FLR70	60532	2	41
BRK217	60532	9	53	GKT371	60532	2	11
BRK220	60532	10	38	GKT374	60532	5	17
BUS39	60532	2	49	GKT375	60532	7	20
BUS52	60532	9	43	GKT409	60532	2	30
BUS53	60532	3	18	GKT410	60532	2	31
BUS54	60532	3	3	GKT479	60532	9	34
B20500-1	06840	5	13	GKT485	60532	3	5
B4524-4953-1	60532	3	19	GKT491	60532	2	6
B4524-6188	60532	7	8	GKT491	60532	2	37
B4524-6217-2	60532	2	54	GKT493	60532	2	36
B4524-6272-3	60532	2	9	GKT494	60532	2	5
CAS71	60532	5	7	GKT529	60532	6	26
CAS77	60532	2	18	GKT597	60532	6	27
CHN2	60532	2	24	GRL28	60532	2	4
CHN3	60532	2	43	GRL30	60532	2	35
CLP29	60532	9	7	GRL33	60532	2	15
CMP56	60532	10	4	GRL46	60532	2	17
CMP59	60532	9	5	GRM15	60532	2	48
CON47EXT1	60532	6	40	GRM19	60532	2	49
CPL123	60532	10	18	GRM19	60532	9	29
COV236	60532	2	20	GRM3	60532	9	40
COV237	60532	2	12	GRP30	60532	9	38
COV312	60532	1	1	GRP30	60532	9	49
COV314	60532	9	44	GRP30	60532	10	9
COV328	60532	6	41	HSE45	60532	10	19
CO83S	78462	10	13	HTR108	60532	9	30
C13853-1420	78533	6	45	J513	60532	9	6
C22146-017	78553	10	31		81343	9	71

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
KAW5	71400	6	35	MS35206-246	98906	3	21
KAW5	10855	6	8			9	9
KEY29	60532	3	7	MS35206-247	96906	2	14
KEY30	60532	3	25			10	1
KNB10	60532	6	7	MS35207-263	96906	6	31
LED156	60532	6	21			10	22
LED157	60532	6	17	MS35207-264	96906	2	44
LED158	60532	7	3			9	32
LED235	60532	6	19	MS35207-265	96906	7	10
LED236	60532	6	15	MS35207-266	96906	6	29
LED237	60532	7	5	MS35207-267	96906	5	22
LED66	60532	6	6	MS35207-269	96906	9	13
MILT55164-39TB8	81349	6	30	MS35207-291	96906	5	12
MS16997-31	96906	3	9	MS35265-38	96906	4	8
MS16997-62	96906	9	17	MS35338-21	96906	8	17
MS20426AD2-3	96906	2	27	MS35338-22	96906	8	11
MS20470AD2-4	96906	6	13	MS35338-23	96906	2	2
MS21042L08	96906	3	11	MS35338-42	96906	7	16
MS21044N04	96906	6	13			10	2
MS21044N08	96906	9	6	MS35339-46	96906	3	16
MS21044N3	96906	5	24	MS35340-43	96906	2	45
MS21044N4	96906	3	1			5	21
MS21044N4	96906	10	32			6	5
MS21045-06	96906	6	9			7	11
MS21045-08	96906	5	11			9	14
MS21045-3	96906	6	28	MS35340-44	96906	2	51
MS21045-3	96906	9	31			3	22
MS21919DG20	96906	9	16			5	2
MS21919DG4	96906	7	14			10	35
MS21919DG4	96906	9	45	MS35340-46	96906	9	25
MS21919DG6	96906	2	47	MS35489-17	96906	9	28
MS21919DG8	96906	9	48	MS35489-37	96906	8	23
MS21919DG9	96906	7	13	MS35649-242	96906	8	16
MS21919H6	96906	5	14	MS35650-302	96906	5	23
MS24586-46	96906	2	23	MS35842-10	96906	10	29
MS24621-11	96906	2	19	MS49005-7	96906	2	55
MS24621-11	96906	5	4	MS51007-1	96906	8	18
MS24621-18	96906	8	10	MS51943-32	96906	6	4
MS24624-11	96906	7	1	MS90725-6	96906	5	1
MS24665-155	96906	10	26	MS90725-66	96906	9	24
MS24693S28	96906	6	36	MS90726-14	96906	10	33
MS25043-22D	96906	2	16	MS90726-6	96906	2	50
MS27130-14K	96906	2	13			10	34
MS27130-26K	96906	10	37	MS90726-8	96906	6	2
MS27183-10	96906	2	52	MS90727-231	96906	6	43
MS27183-10	96906	5	3	MVA1263	10855	4	10
MS27183-10	96906	6	3	M4720-7A	64731	4	1
MS27183-10	96906	10	36	M4725-6	64731	4	1
MS27183-14	96906	9	26	NTP25	93410	7	18
MS27183-6	96906	6	10	PLT242	60532	5	15
MS27183-6	96906	6	39	PLU83	60532	2	42
MS27183-7	96906	3	12	PNL1117	60532	2	32
MS27183-7	96906	3	23	PNL1121	60532	8	25
MS27183-7	96906	7	17	PNL1533	60532	2	7
MS27183-7	96906	9	10	PNL2177	60532	5	3A
MS27183-8	96906	2	46	RB175	86797	5	16
MS27183-8	96906	5	20	RG5004B	10855	8	20
MS27183-8	96906	7	12	RG5163B	10855	8	24
MS27183-8	96906	9	15	RG5222C	10855	8	22
MS3102R14S7P	96906	4	7	RNG146	60532	9	19
MS3102R16S4S	96906	6	16	RNG177	60532	3	24
MS3102R16S4S	96906	6	18	RTR11	60532	2	39
MS3102R16S4S	96906	6	22	ROD93	60532	6	33
MS3102R18S4SW	96906	6	20	SAK13	78462	9	35
MS3102R20-15P	96906	8	19	SCR282	60532	6	1
MS3108R16S4D	96906	9	42			6	24
MS3108R18S4D	96906	9	51	SCR325	60532	3	6
MS3108R16S4D	96906	10	8	SPC17	60532	9	33
MS3108R16S4D	96906	10	21	SPC18	60532	3	20
MS3108R16S4PX	96906	7	19	SPC21	60532	9	27
MS3108R22-14P	96906	5	6	SPC57	60532	9	47
MS35191-273	96906	7	15	SPC66	60532	9	12
MS35191-294	96906	3	4	SRP24	60532	9	36
MS35206-217	96906	4	6	SS0257	58849	6	34
MS35206-217	96906	6	14	SUP130	60532	2	25
MS35206-217	96906	8	15	SUP131	60532	9	2
MS35206-227	96906	6	38	SW1230-21	87358	8	9
MS35206-245	96906	4	2	TCLB200HW100	70255	9	30
MS35206-245	96906	5	6	TUB118	60532	10	24
MS35206-246	96906	2	1	TUB181	60532	9	59
MS35206-246	96906	3	13	TUB182	60532	9	61

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
TUB196	60532	9	75	02-009350-000	64731	4	3
TUB197	60532	9	85	02-009089-000	64731	4	9
TUB198	60532	9	64	02-009512-001	64731	4	11
TUB199	60532	9	70	02-009512-002	64731	4	5
TUB201	60532	9	66	02-0109990Z	64731	4	4
TUB203	60532	9	37	1RG4076C	10855	8	12
TUB208	60532	9	73	1RG5212C	10855	8	14
TUB210	60532	9	57	10-40450-16	77820	6	23
TUB212	60532	9	46	10-40450-22	77820	7	4
TUB282	60532	9	58	12-11-613-12	94222	2	33
TUB285	60532	9	62			9	3
TUB292	60532	9	18	12-11014-12	94222	2	34
TUB408	60532	10	10			9	4
TUB409	60532	10	5	12R1-1AA	71286	2	26
TUB410	60532	10	40	12S1-9-1AA	71286	2	38
TUB412	60532	9	20	132	93781	10	16
TUB413	60532	9	22	13211E3798	97403	1	2
TUB53	60532	10	25	13211E8162	94833	2	23A
TUB64	60532	10	14	13211E8166	97403	8	1
TUB75	60532	10	25	13211E8169	97403	8	4
TYPE0132	93781	9	55	13211E8170	97403	8	3
WAS163	60532	2	3	13211E8265	97403	9	11
WAS170	60532	3	17	13211E8301-1	97403	5	10
WAS189	60532	6	11	13211E8348	97403	3	8
WC400W1009	41947	10	17	13211E8392AND13211E8393	97403	5	25
WC403W1315	41947	9	76	13211E8404	97403	9	39
WC417A7812	41947	9	68	13218E8492	97403	5	3A
WIR102	60532	10	7	1409-1B	02289	6	12
WIR103	60532	10	20	1410-1B	02289	6	12
WIR144	60532	7	2	2RG5222C	10855	8	22
WIR145	60532	7	7	2267A1	70811	5	18
WIR146	60532	5	5	2819	71400	6	37
WIR74	60532	7	9	3RG5163B	10855	8	24
WIR77	60532	6	8	3001X4-540	58553	10	39
WIR99	60532	9	41	5S3-1	71286	2	40
WT600W4000	41947	10	11	537	93781	9	56
WT600W4015	41947	9	60			18	18A
WT600W4018	41947	9	67	5939X4	58553	9	69
WT600W4025	41947	9	63	6A26M179	10855	8	7
WT600W40350	41947	9	54	6A26M189	10855	8	7
WT603A1452	60532	9	72	6MS51967-5	89690	8	8
WT620W4229	41947	10	15	899JJ7	75382	6	44
OB235	93781	10	6	70237-142	91494	9	77
01-005248-084	64731	4	4	707	12168	9	21
				8RG5004B	10855	8	20

SOMETHING WRONG WITH THIS MANUAL?



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE

COA, 3^d ENGINEER BN

FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER

TM 5-4120-285-24P

DATE

18 Nov 80

TITLE

Air Conditioner, Compact Vertical
208 V, 3 Phase, 18,000 BTUH Cooling

BE EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG ing; 12,000 BTUH Heating
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

6

2-1
a

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinder

81

4-3

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a shim. Please correct one or the other.

125 line 20

Ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762- I got a gasket but it doesn't. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

~~SAMPLE~~

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

John Doe

DA FORM 2028-2
1 AUG 74

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND," MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.
DRSTS-M Overprint 1, 1 Nov 78

TEAR ALONG DOTTED LINE

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

COMMANDER
U S ARMY SUPPORT AND AVIATION MATERIEL READINESS COMMAND
ATTN: DRSTS-MTT
4300 GOODFELLOW BOULEVARD
ST. LOUIS, MO 63120

TEAR ALONG PERFORATED LINE



SOMETHING WRONG WITH THIS PUBLICATION

THEN JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM. CAREFULLY TEAR IT
OUT, FOLD IT AND DROP IT
IN THE MAIL.

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

TM 5-4120-285-24P

PUBLICATION DATE

18 Nov 80

PUBLICATION TITLE

Air Conditioner, Compact Vertical
208 V, 3 Phase, 18,000 BTUH Cooling,
12,000 BTUH Heating

BE EXACT PIN-POINT WHERE IT IS

PAGE
NO

PARA-
GRAPH

FIGURE
NO

TABLE
NO

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 2028-2
1 JUL 79

PREVIOUS EDITIONS
ARE OBSOLETE.
DRSTS-M Overprint 2, 1 Mar 80.

PS IF YOUR OUTLET WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

COMMANDER
U S ARMY SUPPORT AND AVIATION MATERIEL READINESS COMMAND
ATTN: DRSTS-MTT
4300 GOODFELLOW BOULEVARD
ST. LOUIS, MO 63120

TEAR ALONG PERFORATED LINE

SOMETHING WRONG WITH THIS PUBLICATION?



THEN JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM. CAREFULLY TEAR IT
OUT, FOLD IT AND DROP IT
IN THE MAIL

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

TM 5-4120-285-24P

PUBLICATION DATE

18 Nov 80

PUBLICATION TITLE

Air Conditioner, Compact Vertical
208 V, 3 Phase, 18,000 BTUH Cool-

BE EXACT PIN-POINT WHERE IT IS

PAGE
NOPARA-
GRAPHFIGURE
NOTABLE
NO

IN THIS SPACE TELL WHAT IS WRONG ing, 12,000 BTUH Heating
AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 2028-2
1 JUL 79

PREVIOUS EDITIONS
ARE OBSOLETE.
DRSTS-M Overprint 2, 1 Mar 80.

PS IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS

